Tivoli®

IBM Tivoli Monitoring Agent for Systems Director base

Version 6.2.2

User's Guide

IBM®

SC27-2872-00

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Note
Before using this information and the product it supports, read the information in Appendix D, "Notices," on page 919.

This edition applies to version 6.2.2 of IBM Tivoli Monitoring Agent for Systems Director base (product number 5724-C04) and to all subsequent releases and modifications until otherwise indicated in new editions.

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Chapter 1. Overview of the IBM Tivoli Monitoring Agent for Systems Director base

The IBM Tivoli Monitoring Agent for Systems Director base provides you with the capability to monitor the IBM Systems Director base, and to perform basic actions with IBM Systems Director base functionality. This chapter provides a description of the features, components, and interface options for the IBM Tivoli Monitoring Agent for Systems Director base.

IBM Tivoli Monitoring overview

IBM Tivoli Monitoring is the base software for the IBM Tivoli Monitoring Agent for Systems Director base. IBM Tivoli Monitoring provides a way to monitor the availability and performance of all the systems in your enterprise from one or several designated workstations. It also provides useful historical data that you can use to track trends and to troubleshoot system problems.

You can use IBM Tivoli Monitoring to perform the following tasks:

- Monitor for alerts on the systems that you are managing by using predefined situations or custom situations.
- Establish your own performance thresholds.
- Trace the causes leading to an alert.
- Gather comprehensive data about system conditions.
- Use policies to perform actions, schedule work, and automate manual tasks.

The Tivoli Enterprise Portal is the interface for IBM Tivoli Monitoring products. By providing a consolidated view of your environment, you can use the Tivoli Enterprise Portal to monitor and resolve performance issues throughout the enterprise.

See the IBM Tivoli Monitoring publications listed in “Prerequisite publications” on page 913 for complete information about IBM Tivoli Monitoring and the Tivoli Enterprise Portal.

Features of the monitoring agent

The IBM Tivoli Monitoring Agent for Systems Director base software can identify, notify you of, and correct common problems with the application that it monitors. The software includes the following features:

- Monitoring
- Data gathering
- Operations management

Functions of the monitoring agent

The IBM Tivoli Monitoring Agent for Systems Director base provides the following functions:

IBM® Tivoli® Monitoring Agent for Systems Director base
Uses Systems Director 'base' functionality to provide endpoint system management through hardware inventory and real-time hardware event

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management. Core Systems Director commands such as system discovery, on-demand inventory collection and system, job, and event management are also surfaced as Tivoli Enterprise Portal Take Actions.

Components of the IBM Tivoli Monitoring environment

After you install and set up the IBM Tivoli Monitoring Agent for Systems Director base, you have an environment that contains the client, server, and monitoring agent implementation for IBM Tivoli Monitoring. This environment contains the following components:

- Tivoli Enterprise Portal client with a Java™-based user interface for viewing and monitoring your enterprise.
- Tivoli Enterprise Portal Server that is placed between the client and the Tivoli Enterprise Monitoring Server and enables retrieval, manipulation, and analysis of data from the monitoring agents. The Tivoli Enterprise Portal Server is the central repository for all user data.
- Tivoli Enterprise Monitoring Server that acts as a collection and control point for alerts received from the monitoring agents, and collects their performance and availability data. The Tivoli Enterprise Monitoring Server is also a repository for historical data.
- Tivoli Enterprise Monitoring Agent, IBM Tivoli Monitoring Agent for Systems Director base (one or more instances of the monitoring agent). The instances communicate with the systems or subsystems that you want to monitor. This monitoring agent collects and distributes data to a Tivoli Enterprise Portal Server.
- IBM Tivoli Enterprise Console is an optional component that acts as a central collection point for events from a variety of sources, including events from other Tivoli software applications, Tivoli partner applications, custom applications, network management platforms, and relational database systems. You can view these events through the Tivoli Enterprise Portal (using the event viewer), and you can forward events from IBM Tivoli Monitoring situations to the IBM Tivoli Enterprise Console component.
- IBM Tivoli Netcool/OMNIbus is an optional component and an alternative to the IBM Tivoli Enterprise Console. The Netcool/OMNIbus software is a service level management (SLM) system that delivers real-time, centralized monitoring of complex networks and IT domains. The Tivoli Netcool/OMNIbus components work together to collect and manage network event information.
- Tivoli Common Reporting is a separately installable feature available to users of Tivoli software that provides a consistent approach to generating and customizing reports. Some individual products provide reports that are designed for use with Tivoli Common Reporting, and have a consistent look and feel.

Agent Management Services

IBM Tivoli Monitoring Agent for Systems Director base can be managed by IBM Tivoli Monitoring Agent Management Services. These services are available in the following IBM Tivoli Monitoring OS agents: Windows®, Linux®, and UNIX®. The services are designed to keep IBM Tivoli Monitoring Agent for Systems Director base available, and to provide information about the status of the product to the Tivoli Enterprise Portal. More information about Agent Management Services can be found in the *IBM Tivoli Monitoring Administrator's Guide*, "Agent Management Services" chapter.

User interface options

Installation of the base software and other integrated applications provides the following interfaces that you can use to work with your resources and data:

Tivoli Enterprise Portal browser client interface
The browser client interface is automatically installed with the Tivoli Enterprise Portal Server. To start the Tivoli Enterprise Portal browser client in your Internet browser, enter the URL for a specific Tivoli Enterprise Portal browser client installed on your Web server.

Tivoli Enterprise Portal desktop client interface
The desktop client interface is a Java-based graphical user interface (GUI) on a Windows or Linux workstation.

Manage Tivoli Enterprise Monitoring Services window
The window for the Manage Tivoli Enterprise Monitoring Services utility is used for configuring the agent and starting Tivoli services not designated to start automatically.

IBM Tivoli Enterprise Console
An event management application that integrates system, network, database, and application management to help ensure the optimal availability of an IT service for an organization.

Tivoli Netcool/OMNIbus event list
You can use the event list to monitor and manage alerts. An alert is created when the ObjectServer receives an event, alarm, message, or data item. Each alert is made up of columns (or fields) of information that are held in a row in the ObjectServer alerts.status table. In addition, the Tivoli Netcool/OMNIbus Web GUI is a Web-based application that processes network events from one or more data sources and presents the event data in various graphical formats.

Tivoli Common Reporting
This product includes a Web-based user interface for specifying report parameters and other report properties, generating formatted reports, scheduling reports, and viewing reports. The user interface is based on the Tivoli Integrated Portal.

Chapter 2. Requirements and agent-specific installation and configuration information for the monitoring agent

This chapter contains information about the requirements for the IBM Tivoli Monitoring Agent for Systems Director base, and agent-specific information related to installation and configuration of the agent.

To install and configure the IBM Tivoli Monitoring Agent for Systems Director base, use the procedures for installing monitoring agents in the *IBM Tivoli Monitoring Installation and Setup Guide* along with the information in this chapter.

If you are performing a silent installation using a response file, see the information about performing a silent installation in the *IBM Tivoli Monitoring Installation and Setup Guide*.

Requirements for the monitoring agent

In addition to the requirements described in the *IBM Tivoli Monitoring Installation and Setup Guide*, the IBM Tivoli Monitoring Agent for Systems Director base has the following requirements:

- The monitoring agent runs on any of these operating systems:
  - AIX® 5.3
  - AIX 6.1
  - Red Hat Enterprise Linux (RHEL) 4.0 AS/ES x86-32
  - Red Hat Enterprise Linux (RHEL) 4.0 AS/ES x86-64
  - Red Hat Enterprise Linux (RHEL) 5.0 Advanced Platform x86-32
  - Red Hat Enterprise Linux (RHEL) 5.0 Advanced Platform x86-64
  - SUSE Linux Enterprise Server (SLES) 10.0 x86-32
  - SUSE Linux Enterprise Server (SLES) 10.0 x86-64
  - SUSE Linux Enterprise Server (SLES) 11.0 x86-32
  - SUSE Linux Enterprise Server (SLES) 11.0 x86-64
  - Windows Server 2003 Datacenter Edition x86-32
  - Windows Server 2003 Enterprise Edition x86-32
  - Windows Server 2003 Datacenter Edition x86-64
  - Windows Server 2003 Enterprise Edition x86-64
  - Windows Server 2003 Standard Edition x86-32
  - Windows Server 2003 Standard Edition x86-64
  - Windows Server 2008 Datacenter Edition x86-32
  - Windows Server 2008 Datacenter Edition x86-64
  - Windows Server 2008 Enterprise Edition x86-32
  - Windows Server 2008 Enterprise Edition x86-64
  - Windows Server 2008 Standard Edition x86-32
  - Windows Server 2008 Standard Edition x86-64
  - Windows Server 2008 R2 Datacenter Edition x86-64
  - Windows Server 2008 R2 Enterprise Edition x86-64
  - Windows Server 2008 R2 Standard Edition x86-64

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If running this monitoring agent on a Red Hat Enterprise Linux 5 operating system, SELinux must not be enabled.

Note: For the most current information about the operating systems that are supported, see http://www-306.ibm.com/software/sysmgmt/products/support/Tivoli_Supported_Platforms.html.

- This agent monitors the following versions:
  - IBM Systems Director base 6.1.2.2 (and later)
- A single computer that hosts the hub monitoring server, portal server, and a monitoring agent requires approximately 300 MB of space. A computer that hosts only the monitoring agent requires approximately 30 MB of space, including the specific enablement code for the monitoring agent. More space is required for each additional monitoring agent that you deploy on the monitoring computer.
- Linux versions require some compatibility libraries to be installed for the agent to work correctly. The latest versions of libstdc++, libgcc, and compat-libstdc++ are required for the agent to run correctly. Linux RedHat 4 and 5, and SuSE 9 and 10 also require the C++ Runtime 6.0 (libstdc++.so.6).
- The monitoring agent must be connected to the following software:
  - IIBM Tivoli Monitoring V6.2.2 Fix Pack 2 and later

  After you install the prerequisite software, install the following software, which is required for the IBM Tivoli Monitoring Agent for Systems Director base to operate:
  - IBM Tivoli Monitoring Agent for Systems Director base
  - IBM Tivoli Monitoring Agent for Systems Director base for Tivoli Enterprise Monitoring Server support
  - IBM Tivoli Monitoring Agent for Systems Director base for Tivoli Enterprise Portal Server support
  - IBM Tivoli Monitoring Agent for Systems Director base for Tivoli Enterprise Portal Desktop Client support
  - IBM Tivoli Monitoring Agent for Systems Director base for Tivoli Enterprise Portal Browser Client support

Installing language packs

To install a language pack for the agent support files on the Tivoli Enterprise Monitoring Server, the Tivoli Enterprise Monitoring Agent, and the Tivoli Enterprise Portal Server, first make sure that you have installed the product in English. Then perform the following steps depending on which operating system you are using.

Windows systems

1. Double-click **lpinstaller.bat** in the language pack CD to launch the installation program.
2. Select the language of the installer and click **OK**.
3. Click **Next** on the Introduction panel.
4. Click **Add/Update** and click **Next**.
5. Select the folder in which the National Language Support package (`NLSPackage`) files are located.

Note: Typically the NLSPackage files are located in the nlspackage folder where the installer executable is located.

6. Select the language support for the agent of your choice and click **Next**.

   Note: Hold down the Ctrl key for multiple selections.
7. Select the languages that you want to install and click **Next**.
8. Examine the installation summary page and click **Next** to begin installation.
9. Click **Finish** after installation completes to exit the installer.
10. Restart the Tivoli Enterprise Portal Desktop Client, Tivoli Enterprise Portal Server component, and Eclipse Help Server if any of these components are installed.

UNIX or Linux systems

1. Run the following command to create a temporary directory on the computer. Make sure that the full path of the directory does not contain any spaces:

   ```
   mkdir dir_name
   ```
2. Mount the language pack CD to the temporary directory you created.
3. Run the following command to launch the installation program:

   ```
   cd dir_name
   lpinstaller.sh -c install_dir
   ```

   Where *install_dir* is where you installed IBM Tivoli Monitoring. Typically it is /opt/IBM/ITM for AIX and Linux systems.
4. Select the language of the installer and click **OK**.
5. Click **Next** on the Introduction panel.
6. Click **Add/Update** and click **Next**.
7. Select the folder in which the National Language Support package (NLSPackage) files are located.

   Note: Typically, the NLSPackage files are located in the nlspackage folder where the installer executable is located.
8. Select the language support for the agent of your choice and click **Next**.

   Note: Hold down the Ctrl key for multiple selections.
9. Select the languages that you want to install and click **Next**.
10. Examine the installation summary page and click **Next** to begin installation.
11. Click **Finish** after installation completes to exit the installer.
12. Restart the Tivoli Enterprise Portal Desktop Client, Tivoli Enterprise Portal Server, and Eclipse Help Server if any of these components are installed.

Agent-specific installation and configuration

In addition to the installation and configuration information in the *IBM Tivoli Monitoring Installation and Setup Guide*, use the information in this section to install and configure the IBM Tivoli Monitoring Agent for Systems Director base.

Installation

You must have IBM Tivoli Monitoring version 6.2.2 Fix Pack 2 or later installed, and also have IBM Systems Director 6.1.2.2 or later installed. Install the agent and the agent support files through the regular IBM Tivoli Monitoring installation windows.

Configuration values

For both local and remote configuration, provide the configuration values for the agent to operate. When configuring an agent, a panel is displayed so you can enter each value. When there is a default value, this value is pre-entered into the field. If a field represents a password, two entry fields are displayed. You must enter the same value in each field. The values you type are not displayed to help maintain the security of these values.

The configuration for this agent is organized into the following groups:

Events (KD9_CUSTOM_CONFIG)
Event History Log and RealTime Event Configuration

The configuration elements defined in this group are always present in the agent's configuration.

This group defines information that applies to the entire agent.

Realtime Events Table Size
The maximum number of RealTime Director events that are stored in IBM Tivoli Monitoring at a given time.

The type is numeric.

This value is required.

The default value is 250.

Event Log History Count
The number of most recent event history log messages to display.

The type is numeric.

This value is required.

The default value is 500.

Java (KQZ_JAVA)
Java parameters

The configuration elements defined in this group are always present in the agent's configuration.

This group defines information that applies to the entire agent.

Java home
The path to where Java is installed.

The type is browse.

This value is optional.

Default value for Windows:

C:\Program Files\IBM\Java50

Default value for UNIX:

/opt/ibm/java

JVM arguments
This parameter allows you to specify an optional list of arguments to the Java virtual machine.

The type is string.

This value is optional.

There is no default value.

For most environments, a setting of -Xmx1024m should provide the Java process with sufficient memory.

Java trace level
This parameter allows you to specify the trace level used by the Java providers.

The type is one of the following values: "OFF", "ERROR", "WARNING", "INFORMATION", "MINIMUM DEBUG", "MEDIUM DEBUG", "MAXIMUM DEBUG", "ALL".

This value is required.

There default value is ERROR.

Director Data Server (KQZ_REST)
Director Data Source

The configuration elements defined in this group are always present in the agent's configuration.

This group defines information that applies to the entire agent.

Director JMS port number
The JMS port number of the Director server.

The type is numeric.

This value is required.

The default value is 61616.

Certificate Validation Enabled
Disabling certificate validation is potentially insecure.

The type is one of the following values: "true", "false".

This value is required.

The default value is true.

Director password
The Director server password.

The type is password.

This value is required.

There is no default value.

Director REST port number
The REST port number of the Director server.

The type is numeric.

This value is required.

The default value is 8422.

Director server name
The host or IP Address of the Director server.

The type is string.

This value is required.

The default value is localhost.

Director Trust Store File
The Director truststore file.

The type is browse.

This value is optional.

There is no default value.

Director trust store password
The Director server truststore password.

The type is password.

This value is optional.

There is no default value.

Director Trust Store Information
This parameter allows you to specify optional title text for the configuration dialog.

The type is text.

This value is optional.

There is no default value.

Director user name
The Director server user.

The type is string.

This value is required.

There is no default value.

Configuration

After Installing the agent through the regular IBM Tivoli Monitoring installation windows, you configure the monitoring agent through the Manage Tivoli Enterprise Management Services panel.

Note: While multiple IBM Tivoli Monitoring Director Agents monitoring Systems Director servers can be report into a single IBM Tivoli Monitoring Hub, all Systems Director servers managed by a single IBM Tivoli Monitoring Hub must be unique.

1. Open Manage Tivoli Enterprise Monitoring Services. The new entry **Monitoring Agent for IBM Systems Director base** is displayed.
2. Right-click **Monitoring Agent for IBM Systems Director base**, and select **Configure**.
3. Enter the agent instance name. Click **OK**.
4. On the **Events** page of the Agent Configuration wizard (Figure 1 on page 11), click **Next** when you are satisfied with the values.

   The default value for Event Log History Count is 500 (the maximum value is 2500). The default value for RealTime Events Table Size is 250.

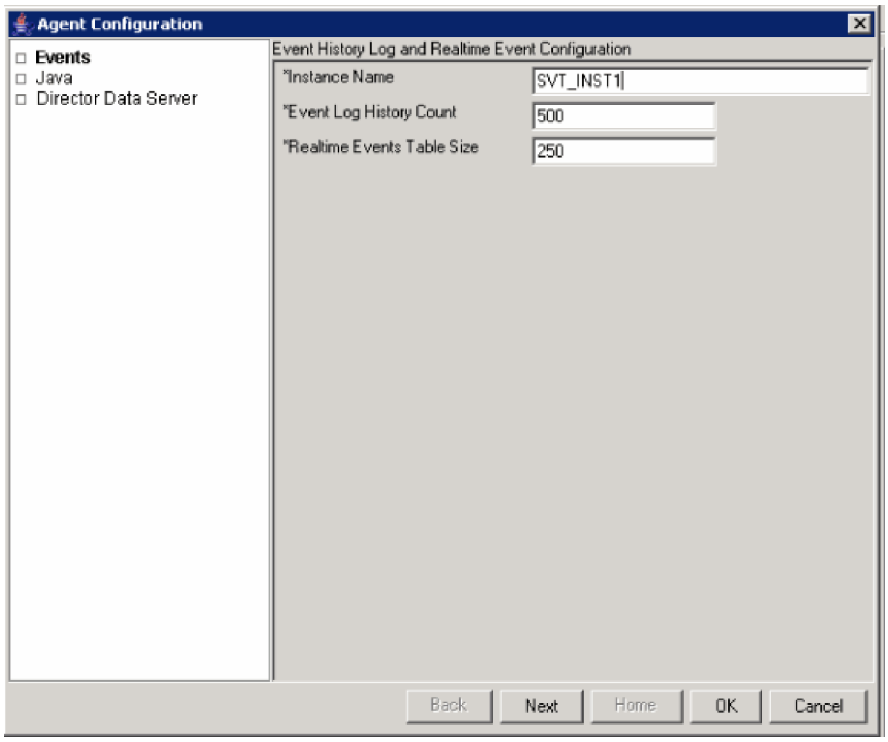

Figure 1. Events page

5. On the **Java** page (Figure 2), enter the Java settings that the agent uses to operate.

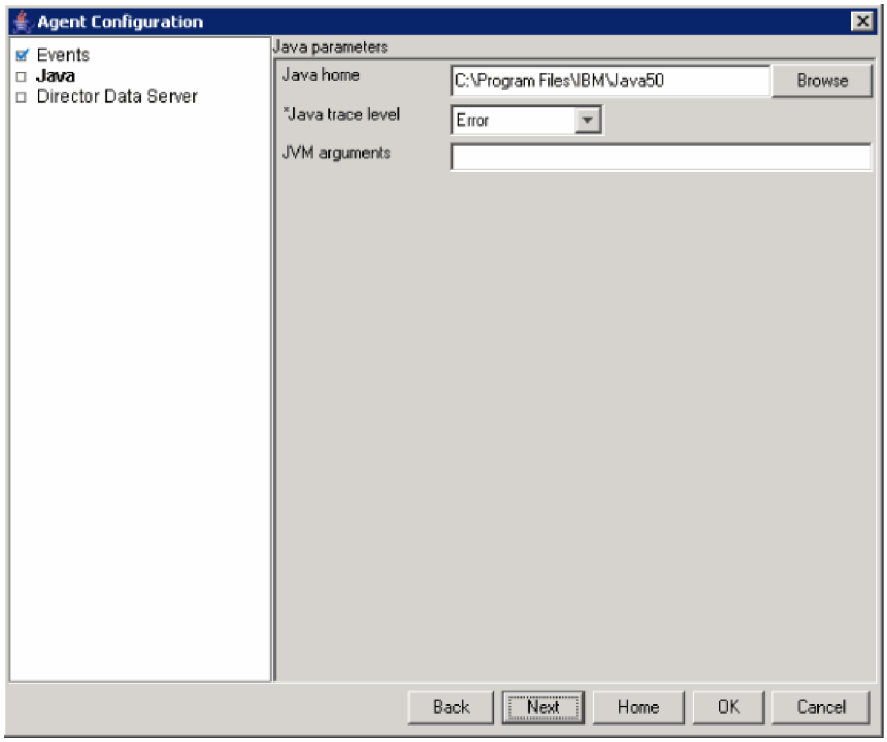

Figure 2. Java page

a. Enter the value for the **Java home** configuration parameter. Typically, it is a value like the following:

   On Windows: `C:\Program Files\IBM\Java50`

   On UNIX: `/opt/ibm/java2-i386-50/`

   On AIX: `/usr/java5/`

b. Select a **Java trace level**. The default is Error.

c. The entry of JVM arguments is optional. Standard JVM arguments can be specified here if needed. For most environments, a setting of -Xmx1024m should provide the Java process with sufficient memory.

d. Click **Next**.

6. On the **Director Data Server** page (Figure 3), enter the Director Data Source credentials and the Director Truststore Information.

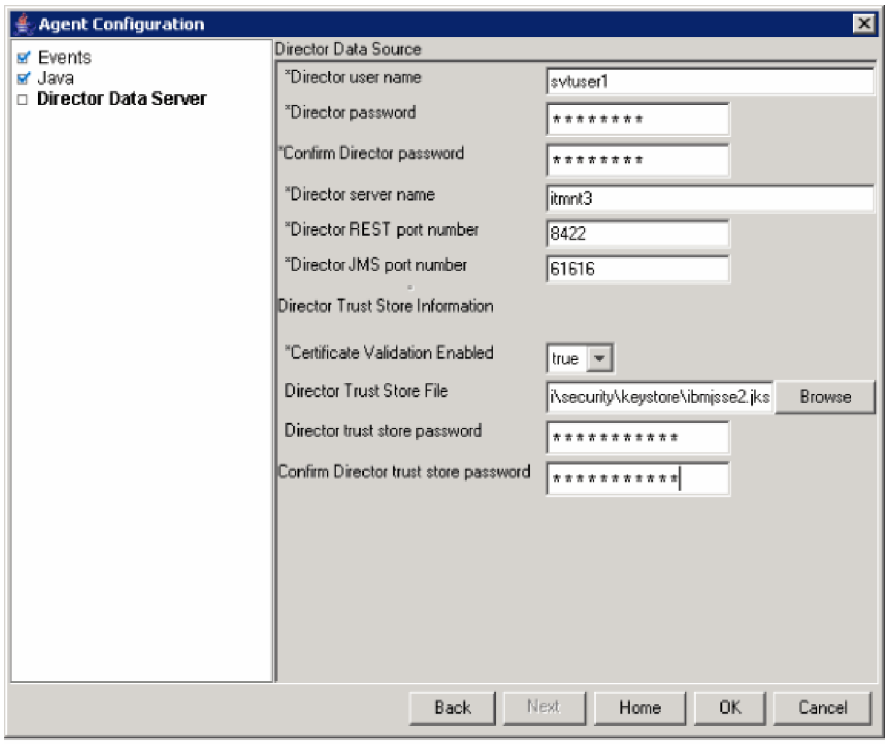

Figure 3. Director Data Server page

a. Enter the Director user name. On both Windows and UNIX based systems, the user must be a member of the Systems Director smadmin group. In addition, the user must also have administrative authority on the operating system. On Windows, this corresponds to belonging to the Administrators' group and on UNIX based systems, this corresponds to having root authority.

b. Enter the password for this user.

c. Confirm the password.

d. Enter the Director server host name or IP address.

e. Enter the Director REST port number in:

   `DIRECTOR_HOME\Director\lwi\conf\overrides\USMi.properties`

   Line: com.ibm.pvc.webcontainer.port.secure=8422

   The default value is 8422.

f. Enter the Director JMS port number in:

   `DIRECTOR_HOME\Director\lwi\conf\overrides\directorbroker.properties`

   Line: directorbroker.transportConnectorURIs=vm://localhost,tcp://localhost:61616

   The default value is 61616.

   Note: You must configure any changes to the default port numbers in Systems Director.

g. If the **Certificate Validation Enabled** field is set to false, you do not have to enter information for the other Data truststore fields and the configuration is complete. If the **Certificate Validation Enabled** dropdown field is set to true, complete the following fields:

   1) Enter the Director truststore file parameter.

      The default Systems Director truststore file, ibmjsse2.jks, is located in the following directory:

      - On Windows: `DIRECTOR_HOME\lwi\security\keystore\ibmjsse2.jks`
      - On UNIX: `DIRECTOR_HOME/lwi/security/keystore/ibmjsse2.jks`

      Note: The truststore file must be available in a directory where the agent instance can access it. You can copy the truststore file from the Director server if the agent is not local to the Director server.

      Note: If a different security scheme is in place for Systems Director, then you must use the truststore and password associated with this security scheme.

   2) Enter the Director truststore password. The default truststore password for the key is ibmpassw0rd. If you have specified a different truststore password, then you must use that password.

   3) Confirm the Director truststore password.

h. Click **OK**.

   On Windows systems, clicking **OK** ends the agent configuration and you return to Manage Tivoli Enterprise Monitoring Services. If the agent is to connect to a Tivoli Enterprise Monitoring Server, right click on the Agent instance that was just configured and click **Reconfigure** to display the Agent Advanced Configuration panel. Enter the name of the Tivoli Enterprise Monitoring Server on this panel and complete the standard IBM Tivoli Monitoring agent configuration.

   On UNIX, you are prompted to provide Tivoli Enterprise Monitoring Server connection information in the Configure Monitoring agent for Systems Director panel. On UNIX, the **No TEMS** check box is selected. Clear this check box if the agent is to connect to a Tivoli Enterprise Monitoring Server, and enter a Tivoli Enterprise Monitoring Server host name in the **TEMS Hostname** field. Click **Save**.

7. Start the agent instance from the Manage Tivoli Enterprise Monitoring Services. Select Systems Director base in the Tivoli Enterprise Portal navigation tree to get a workspace. If no information is reported, look in the trace log as there might be a parameter error.
   - On Windows: `ITM_HOME\TMAITM6\logs\kd9_JAVA_`*`instance`*`_tracen.log`
   - On UNIX: `ITM_HOME/logs/kd9_JAVA_`*`instance`*`_tracen.log`

   `ITM_HOME` is the installation directory of IBM Tivoli Monitoring.

If you cannot locate this trace log, then the Java data provider has not started. Check your entry in the **Java home** field of the Java page, and, if specified, the **JVM arguments** field. If there are errors in the trace log, see the agent configuration troubleshooting advice on page 782.

Remote installation and configuration

When installing the agent remotely, you must provide the configuration values for the agent to operate. See “Configuration values” on page 8.

See the **tacmd describeSystemType** section in the *IBM Tivoli Monitoring Command Reference* for information about displaying the configuration options that are available to use with the **configureSystem** or **addSystem** commands.

You can install the monitoring agent remotely from the Tivoli Enterprise Portal or from the command line. To install from the portal, see the *IBM Tivoli Monitoring Installation and Setup Guide*.

If using the command line, the following command is an example of remote installation and configuration for Windows operating systems:

```
tacmd addSystem -t D9 -n Primary:sample.node.name:NT
-p  KD9_CUSTOM_CONFIG.CDP_PURE_EVENT_CACHE_SIZE=value
 KQZ_JAVA.JAVA_HOME=value
 KQZ_JAVA.JAVA_JVM_ARGS=value
 KQZ_JAVA.JAVA_TRACE_LEVEL=value
 KD9_CUSTOM_CONFIG.KD9_MSG_LOG_COUNT=value
 KQZ_REST.KQZ_JMS_PORT_NUMBER=value
 KQZ_REST.KQZ_REST_CERTIFICATE_VALIDATION=value
 KQZ_REST.KQZ_REST_PASSWORD=value
 KQZ_REST.KQZ_REST_PORT_NUMBER=value
 KQZ_REST.KQZ_REST_SERVER_NAME=value
 KQZ_REST.KQZ_REST_TRUSTSTORE=value
 KQZ_REST.KQZ_REST_TRUSTSTORE_PASSWORD=value
 KQZ_REST.KQZ_REST_TRUST_TITLE=value
 KQZ_REST.KQZ_REST_USER=value
INSTANCE="inst1"
```

Chapter 3. Workspaces reference

This chapter contains an overview of workspaces, references for detailed information about workspaces, and descriptions of the predefined workspaces included in this monitoring agent.

About workspaces

A workspace is the working area of the Tivoli Enterprise Portal application window. At the left of the workspace, is a Navigator that you use to select the workspace you want to see. As part of the application window, the right side of the status bar shows the Tivoli Enterprise Portal server name and port number to which the displayed information applies, and the ID of the current user.

When you select an item in the Navigator tree, a default workspace is displayed. When you right-click a Navigator item, a menu that includes a Workspace item is displayed. The Workspace item contains a list of workspaces for that Navigator item. Each workspace has at least one view. Some views have links to other workspaces.

This monitoring agent provides predefined workspaces. You cannot modify or delete the predefined workspaces, but you can create new workspaces by editing them and saving the changes with a different name.

The IBM Tivoli Monitoring Agent for Systems Director base provides various default workspaces. These workspaces are displayed in the Navigator tree under the following nodes and subnodes for this monitoring agent:

IBM Systems Director base:D9 node
Corresponds to a IBM Systems Director base instance and contains agent instance-level workspaces.

Director View by System:EP subnode
Each node is an individual endpoint.

Director View by Group:GR subnode
Each group contains a collection of like systems.

When a single instance of the monitoring agent is defined on a system, the top-level node is IBM Systems Director base - *Instance*:*Hostname*:D9. The IBM Systems Director base workspace is defined at this node.

When multiple instances of the monitoring agent are defined on a system, the top-level node becomes IBM Systems Director base. The IBM Systems Director base workspace is undefined at this node. A subnode for each instance is created called *Instance*:*Hostname*:D9. A workspace that is called *Instance*:*Hostname*:D9 is associated with the instance node. This workspace is comparable to the IBM Systems Director base workspace.

A table view within a workspace corresponds to a group of attributes; the columns in the table view show some or all of the attributes available in the attribute group.

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More information about workspaces

For more information about creating, customizing, and working with workspaces, see the *Tivoli Enterprise Portal User's Guide*.

For a list of the predefined workspaces for this monitoring agent and a description of each workspace, see the Predefined workspaces section in this chapter and the information in that section for each individual workspace.

Some attribute groups for this monitoring agent might not be represented in the predefined workspaces or views for this agent. For a full list of the attribute groups, see the Attributes reference section.

Predefined workspaces

The IBM Tivoli Monitoring Agent for Systems Director base provides the following predefined workspaces, which are organized by Navigator item. Not all workspaces are displayed for every system. The inventory workspaces that appear depend on the systems or group of systems selected.

Agent-level navigator items

- IBM Systems Director base Navigator item
  - IBM Systems Director base workspace
- Director Server Status Navigator item
  - Director Server Status workspace
  - Systems Director base Query Performance Status workspace
  - Systems Online workspace
  - Systems With Full Access workspace
- Event Log Navigator item
  - Event Log workspace
  - Systems Director base Event Details workspace
  - Systems Director base Event Types workspace
  - Systems Director base Events With Abnormal Severity workspace
- Jobs Navigator item
  - Jobs workspace
- System Discovery Navigator item
  - System Discovery workspace

Director View by System (EP) subnode

- Director View by System Navigator item
  - Director View by System workspace
- Events Navigator item
  - Events workspace
- Inventory Selection Navigator item
  - Blade and Chassis workspace
  - Disk workspace
  - Disk Media workspace
  - Display workspace
  - Hardware Control Points workspace

  - IDE Controllers workspace
  - Inventory Selection workspace
  - LAN Connections workspace
  - Logical Devices workspace
  - Memory workspace
  - Network Interfaces workspace
  - Network Ports workspace
  - Network Settings workspace
  - Network Systems workspace
  - PCI Controllers workspace
  - Peripheral Controllers workspace
  - Physical Connectors workspace
  - Physical Elements workspace
  - Physical Frame workspace
  - Physical Packages workspace
  - Processors workspace
  - Remote Service Access Points workspace
  - Storage Network Ports workspace
  - Storage Systems workspace
  - Storage Volumes workspace
  - System Related workspace
  - System Settings workspace
  - Systems workspace
  - USB workspace
  - User Devices workspace
- Jobs Navigator item
  - Jobs workspace

Director View by Group (GR) subnode

- Director View by Group Navigator item
  - Director View by Group workspace
- Event Log Navigator item
  - Event Log workspace
- Inventory Selection Navigator item
  - Blade Management Modules for System Groups workspace
  - Cache Memory for System Groups workspace
  - Chassis for System Groups workspace
  - Disk Drive for System Groups workspace
  - Disk Media for System Groups workspace
  - Disk Partitions for System Groups workspace
  - Display for System Groups workspace
  - DNS Interfaces for System Groups workspace
  - Ethernet Ports for System Groups workspace
  - Fans for System Groups workspace
  - Fibre Channel Ports for System Groups workspace
  - File Systems for System Groups workspace

  - FRU for System Groups workspace
  - Hardware Control Points for System Groups workspace
  - IDE Controllers for System Groups workspace
  - Inventory Selection workspace
  - IP Interfaces for System Groups workspace
  - LAN Connections for System Groups workspace
  - Logical Disks for System Groups workspace
  - Logical Modules for System Groups workspace
  - Management Controllers for System Groups workspace
  - Memory for System Groups workspace
  - Network Settings for System Groups workspace
  - Network Systems for System Groups workspace
  - Operating Systems for System Groups workspace
  - PCI Bridges for System Groups workspace
  - PCI Devices for System Groups workspace
  - Peripheral Controllers for System Groups workspace
  - Physical Connectors for System Groups workspace
  - Physical Elements for System Groups workspace
  - Physical Frame for System Groups workspace
  - Physical Memory for System Groups workspace
  - Physical Packages for System Groups workspace
  - Physical Volumes for System Groups workspace
  - Port Controllers for System Groups workspace
  - Processors for System Groups workspace
  - Remote Service Access Points for System Groups workspace
  - SCSI Connections for System Groups workspace
  - Servers for System Groups workspace
  - Slots for System Groups workspace
  - Storage Systems for System Groups workspace
  - Storage Volumes for System Groups workspace
  - System Chassis for System Groups workspace
  - System Locations for System Groups workspace
  - System Settings for System Groups workspace
  - USB for System Groups workspace
  - User Devices for System Groups workspace
- Jobs Navigator item
  - Jobs workspace

Agent Navigator items

This section contains descriptions of predefined workspaces. The workspaces are organized by the Navigator item to which the workspaces are relevant.

IBM Systems Director base Navigator item

IBM Systems Director base workspace

This workspace displays information on all endpoints managed by Systems Director.

This workspace contains the following view:

Systems Director base

Reports detailed information such as system type, communication status, system access, operating system level, machine architecture, ip address and host name, when applicable for all systems that are or were being managed by Systems Director.

Director Server Status Navigator item

Director Server Status workspace

This workspace lists systems not communicating and systems that currently do not have full security access rights.

This workspace contains the following views:

Systems Not Communicating

Reports all systems that are not communicating in an OK or normal status with Systems Director .

Systems Without Full Access

Reports all systems that do not have full security access rights with Systems Director. Access rights can be modified by using the Systems Director product console to request access to the desired system.

Systems Director base Query Performance Status workspace

This workspace provides monitoring for the IBM Tivoli Monitoring agent queries that pertain to this product area.

This workspace contains the following view:

Systems Director base Query Performance Status

Contains information that reflects the status, availability and performance of the queries that support this product area.

Systems Online workspace

This workspace displays all managed systems that are currently online and communicating with Systems Director.

This workspace contains the following view:

Systems Online

Lists all managed systems that are currently online and communicating normally with Systems Director.

Systems With Full Access workspace

This workspace displays all managed endpoints with full access from Systems Director

This workspace contains the following view:

Systems With Full Access

Lists all managed systems that currently have full security access rights from Systems Director.

Event Log Navigator item

Event Log workspace

This workspace displays an event history from Systems Director, listing the most recent events first. It is limited in scope to Systems Director base functionality. The number of events, default of 500, can be adjusted in the agent configuration Events settings page by changing the Event Log History Count value. Since this attribute group is historical in nature, it should not be used to construct situations. Instead, use the Events attribute group or KD9 EVENTS as it appears in the Situation Editor. The Events attribute group receives asynchronous real-time event notifications from Systems Director and therefore does not poll. The information is otherwise identical.

This workspace contains the following view:

Event Log

Displays an event history of the most recent event information from Systems Director.

Systems Director base Event Details workspace

This workspace displays a detailed breakdown of a selected event from Systems Director.

This workspace contains the following views:

Event Text

Displays the text message associated with the event.

Event Information

Displays the severity, date and time, category, originating endpoint system, sender and the component instance. Component instance could, for example, contain an indication of which fan instance was experiencing a problem.

Event Type Components

Breaks down the component category and type of the event type.

Event Type Conditions

Breaks down the condition type and value of the event type. Some event types will not contain these conditions.

Event Type

The fully qualified event type.

Event Details

The details for the event, specified in Label and Value pairs. Many event types will not contain details.

Systems Director base Event Types workspace

This workspace displays a list of the possible event types that can be reported by this Systems Director. The event types are limited in scope to Systems Director base functionality. When constructing a situation using the Director View by System Events or KD9 EVENTS attribute group, and the desired event type you wish to monitor is not in the Event Types dropdown selection list, you can manually type in the Event Key seen in this workspace view as the event you want to monitor. The Event Key instead of the Event Type in this workspace MUST be used.

This workspace contains the following view:

Event Types
Displays a list of the possible event types that can be reported by this Systems Director.

Systems Director base Events With Abnormal Severity workspace
This workspace displays an event history from Systems Director, listing only the most recent events showing abnormal severity. The number of events that will be analyzed for severity, default of 500, can be adjusted in the Agent Configuration Events settings page by changing the Event Log History Count value. Since this attribute group is historical in nature, it should not be used to construct situations. Use the Events attribute group instead or KD9 EVENTS as it appears in the Situation Editor. The Events attribute group receives asynchronous real-time event notifications from Systems Director and therefore does not poll. The information is otherwise identical.

This workspace contains the following view:

Events With Abnormal Severity
Displays an event history of the most recent events showing abnormal severity from Systems Director.

Jobs Navigator item

Jobs workspace
This workspace shows information on all jobs.

This workspace contains the following view:

Jobs Displays information on all jobs.

System Discovery Navigator item

System Discovery workspace
This workspace provides the capability of discovering endpoint systems for management by Systems Director. To discover a system, click the Take Action dropdown list and select DiscoverSystems and provide the desired information. See Help for DiscoverSystems in the Take Actions command section for details and syntax. Once the desired information has been entered, reply OK and then select Run. Shortly thereafter, a popup command will appear containing a return code. If this is not zero, then there is a typically a parameter error. Adjust parameters and re-submit. Once the workspace is refreshed, a new discovery job should appear in the Most Recent Discovery Jobs view and once the job completes a new system should appear in the Most Recent Systems Without Access view. Access rights can be modified by using the Systems Director product console to request access to the desired system. Note that if the system that was discovered does not exist, or it immediately went to full access rights upon discovery, it will not appear in this view. If the latter, then it can be found in the Systems Director base view, among other places.

This workspace contains the following view:

System Discovery
Lists progess and status on all system discovery processes and systems requiring access, as well as discovering a system or systems.

Director View by System subnode

This section contains descriptions of predefined workspaces. The workspaces are organized by the Navigator item to which the workspaces are relevant.

Director View by System Navigator item

Director View by System workspace

The Director View by System folder, when expanded, contains individual subnode information. Each subnode contains details, events, inventory and job information for each system managed by Systems Director on a system by system basis. The high-level workspace, Systems Director base Managed Endpoint contains the following two workspaces.

This workspace contains the following views:

System Information

Displays detailed system information for the selected system.

Director View by System Query Performance Status

Contains information that reflects the status, availability and performance of the queries that support the Director View by System product area.

Events Navigator item

Events workspace

This workspace displays the events that are forwarded to IBM Tivoli Monitoring in real time from Systems Director. The workspace itself is not event driven, but the Events pure event attribute group internally receives Systems Director events as they occur in Systems Director and the endpoints managed by Systems Director. All of the product provided situations are built using this attribute group. This is desirable for two reasons. First, it provides immediate notification of Systems Director events since IBM Tivoli Monitoring is notified asynchronously through this pure event mechanism. Second, it is highly effecient because no polling of information is being done in the background. When an event is received that is being monitored by a situation, the state of the system on which the event occurred is immediately updated in the Director View by System list in the TEP navigation tree as well as the TEP Enterprise Situation Event Console.

This workspace contains the following view:

Events

Displays Systems Director event severity, category, system name, date and time, event text, component instance, ip address and event type for the selected system. The events reported and made available for management and situations are limited in scope to Systems Director base functionality. If the desired event does not appear in the Event Types drop down selection list, an Event Key from the Systems Director base Event Types workspace can be manually typed in as the event to monitor. This must be the Event Key as opposed to the Event Type.

Inventory Selection Navigator item

Blade and Chassis workspace

This workspace contains blade management, system chassis and pass-through module information for the selected system.

This workspace contains the following views:

Blade Management Modules

Reports computer systems representing the module managing blades. This is the dedicated management module that adminsters the management of the various blades and modules in a chassis.

System Chassis

Reports computer systems representing the modular enclosure containing blades. This report represents the full chassis and any functionality provided across the whole physical hardware entity.

Pass Through Modules

Reports computer systems that are dedicated for network traffic where a straight pass-through is done rather than switching. In a blade and chassis environment, many connections pass through modules.

Disk workspace

Displays physical, logical, and partition information for disk drives for the selected system.

This workspace contains the following views:

Disk Drive

Reports the functional operation of a media access device that is a disk drive.

Disk Partitions

Reports MBR (Master Boot Record) style partitions used in X86 platforms such as Windows and Linux.

Logical Disk

Reports the presentation of a contiguous range of logical blocks that is identifiable by applications such as file systems.

Disk Media workspace

Displays disk media information for optical drives such as CD, DVD, and diskette drives for the selected system.

This workspace contains the following views:

Optical Drive

Reports the operation of a media access device that is a CD-ROM, DVD, or magneto optical drive.

Floppy Drive

Reports the functional operation of a media access device that is a diskette drive.

Display workspace

This workspace reports information on video display devices and display controllers for the selected system

This workspace contains the following views:

Video Display
Reports on the operation of one head of a video adapter. The video adapter itself is reported by the Display Controller view.

Display Controller
Reports on the operation of a video adapter. Each video head for the adapter is seen in the Video Display view.

Hardware Control Points workspace
Reports information on hardware management consoles and management controllers for the selected system.

This workspace contains the following views:

Hardware Management Console
Reports a computer system that controls managed systems, including the management of logical partitions and the use of Capacity on Demand. This represents a dedicated system that is closed to anything other than performing this management functionality.

Management Controller
Reports a computer system that is a specialized service processor that monitors the physical state of a computer, network server or other hardware. This can be used to represent service processors or other hardware management integrated into a device.

IDE Controllers workspace
Reports information on IDE (Integrated Drive Electronics) controllers for the selected system.

This workspace contains the following view:

IDE Controllers
Reports on the operations of IDE controllers. This represents the devices plugged into the IDE bus rather than the bus itself.

Inventory Selection workspace
This workspace shows the available inventory selections for the selected system.

This workspace contains the following view:

Inventory Selection
The list of available inventory by category and object.

LAN Connections workspace
Displays Local Area Network (LAN) connections for the selected system.

This workspace contains the following view:

LAN Connections
Represents a communication resource that sends and receives data frames when its associated interface device is connected to a LAN. This in essence represents the LAN Connection with a MAC Address for either a Physical or Virtual NIC.

Logical Devices workspace
Displays fan and logical module information for the selected system.

This workspace contains the following views:

Fan Reports the functional operation of a fan. This is one specific type of cooling device for a system.

Logical Module
Reports the functional operation of a given a module. Module here is used to represent any logical device that is not broken down into another logical device subclass.

Memory workspace
Displays cache memory, memory chip, and physical memory information for the selected system.

This workspace contains the following views:

Cache Memory
Represents the functional operation of cache memory. Cache memory is dedicated or allocated RAM that a processor searches first for data, before going to regular memory.

Memory
Represents the functional operation of memory that the operating system or firmware sees for DIMMs.

Physical Memory
Reports a type of chip, representing low-level memory devices such as SIMMS, DIMMs, and raw memory chips.

Network Interfaces workspace
Displays Internet Protocol (IP) and Domain Name Server (DNS) network information for the selected system.

This workspace contains the following views:

IP Interfaces
Each row reports an individual IP Interface (for example an IP address) that is available on a given system. This may represent an IP address for a Network interface that is enabled or one that is currently disabled.

DNS Interfaces
Each row reports the DNS client and DNS configuration for a single IP resource. This represents the configuration that is currently being used in interfacing with the DNS Server and what information has been assigned for this system.

Network Ports workspace
This workspace reports network port-related information for the selected system.

This workspace contains the following views:

Ethernet Ports
Reports the functional operation of an ethernet port device. This may represent a physical port on a card or a virtual port allocated out by a hypervisor.

Port Controllers
Reports the operation of devices or adapters corresponding to hardware network port controllers. Port controllers provide various features depending on their types and versions.

Network Settings workspace
Reports information on network-related settings for each IP (Internet Protocol) interface for the selected system

This workspace contains the following view:

DNS Settings
Reports the DNS configuration settings for each IP network connection. This represents information that has been configured on a given Operating System as to which DNS to use.

Network Systems workspace
Reports information on network switches and systems where the actual type cannot be determined for the selected system.

This workspace contains the following views:

Switch
Reports computer systems dedicated to acting as a switch for network traffic. This view reports on the computing entity in the device that handles incoming network traffic and sends it to the proper outbound destination.

Generic System
Reports computer systems that have been discovered on the network for which the device type is not known. Systems Director base places it in this category when it cannot be determined that the device is a switch or some other network device type.

PCI Controllers workspace
Displays controller information for Peripheral Component Interconnect (PCI) devices and bridges for the selected system.

This workspace contains the following views:

PCI Devices
Reports the operation of PCI device controllers on cards.

PCI Bridges
Reports the functional operation of PCI controllers that provide bridge-to-bridge capability.

Peripheral Controllers workspace
Reports information on parallel and serial controllers for the selected system.

This workspace contains the following views:

Parallel Controllers
Reports the functional operation for parallel controllers. This represents things such as the adapter for parallel ports for things such as printers.

Serial Controllers
Reports the functional operation of serial controllers. This represents things such as the adapter for serial ports for things such as pointing devices.

Physical Connectors workspace
This workspace reports physical connector, port and slot information for the selected system.

This workspace contains the following views:

Physical Connector
This is the parent class for any physical resource that is used to connect to other resources. Any object that can be used to connect and transmit signals or power between two or more physical

resources is a member of this class. Examples of physical connectors include slots and D-shell connectors.

Physical Ports
This view reports the physical representation of a port on a card. Here, ports are differentiated from slots and contain the physical location and asset information for things such as ethernet ports.

Slots Reports connectors into which packages are inserted. For example, a physical package that is a disk drive can be inserted into an SCA slot.

Physical Elements workspace
This workspace reports physical links and chips for the selected system

This workspace contains the following views:

Chips Reports any type of integrated circuit hardware, including ASICs, processors, and memory chips. In most cases this class is a concrete class, except for subclasses such as physical memory.

Physical Links
Represents the cabling of physical resources together. This may be any sort of linking or cable that physically exists, such as an RJ-45 Ethernet cable or a Coaxial cable.

Physical Frame workspace
This workspace reports information for physical frames and chassis for the selected system

This workspace contains the following views:

Physical Frame
Physical Frame represents the parent class of the chassis and other frame enclosures. Properties such as visible or audible alarm, and data related to security breaches are part of the Physical Frame view.

Chassis
This view represents the physical resources that enclose other resources and provide definable functionality, such as a desktop, processing node, UPS, disk or tape storage, or a combination of these.

Physical Packages workspace
This workspace reports information on physical components such as cards, field replaceable units and system boards for the selected system

This workspace contains the following views:

Card Reports physical containers that can be plugged into another card or hosting board, or is itself a hosting board in a chassis. The card object includes any package capable of carrying signals and providing a mounting point for physical components, such as chips, or other physical packages, such as other cards.

FRU FRUs (field replaceable units) are vendor-defined collections of products or physical elements that are associated with a product for the purpose of supporting, maintaining or updating the product at a customer location.

Physical Package
This is the parent class for physical resources that contain or host other components. Examples of physical packages include rack enclosures and cards.

Processors workspace
Displays processor information for the selected system.

This workspace contains the following view:

Processors
The functional operation of a processor. This may represent a physical processor or a partial processor that has been allocated to a virtual server.

Remote Service Access Points workspace
Reports information on remote connections to local resources for the selected system.

This workspace contains the following view:

Remote Service Access Points
Reports access or addressing information for a remote connection that is known to a local network resource. This is in general specific to management access points and represents how applications access the endpoints to perform management tasks.

Storage Network Ports workspace
This workspace reports fibre channel, serial attached SCSI port and SCSI interface information for the selected system.

This workspace contains the following views:

Fibre Channel Ports
Reports the operation of a port for a fibre channel adapter. This can represent the port on an host bus adapter, the port on the switch, or the port on the storage array.

Serial Attached SCSI Ports
Reports the functional operation of the port of a serial attached SCSI device to a system connection.

SCSI Interfaces
Reports the protocol aspects of logical SCSI ports independent of the connection or transport. This represents the SCSI communication between Fibre Channel ports from either a Host to a Switch or Switch to an Array.

Storage Systems workspace
This workspaces reports storage system and RAID (redundant array of independent disks) controller information for the selected system.

This workspace contains the following views:

Storage Systems
Reports computer systems dedicated to acting as storage servers or arrays. This class is intended to be used to representing the processing capabilities of how an array pools and allocates volumes and its network interraction with switches.

RAID Controllers
Reports hardware devices such as disk controllers, chip sets, or software that support one or more RAID configurations. This class

is derived from computer system since it provides additional computing support, but is in general a device providing the RAID support.

Storage Volumes workspace
Displays physical and storage volume information for the selected system.

This workspace contains the following views:

Physical Volumes
Reports storage extents that are the volume representation of a physical disk such as a disk drive, tape drive or optical drive.

Storage Volumes
Reports storage extents that are published for use outside of the scoping system. For SCSI (small computer system interface) storage target devices, storage volumes are used to represent target block devices.

System Related workspace
This workspace reports file system information for the selected system.

This workspace contains the following view:

File System
Represents a file or dataset store local to a system such as a computer system or an application system, or remotely mounted from a file server. This represents the collection of files that are defined together with various mounting and storage policies, which the files contained within may serve a variety of unrelated purposes.

System Settings workspace
This workspace reports basic system settings information for the selected system.

This workspace contains the following views:

System Asset Settings
Reports Asset, Lease and Warranty information for the System. In general this information may be provided by the system itself or information that a customer can enter in.

Time Zone Settings
Displays a set of properties that define a particular time zone. This represents the current time zone information as it is defined on an Operating System to be used throughout the year.

Location
Represents the position and address information for a physical resource or system. This can be geographical information such as longitude and latitude or can be postal address information with various levels of granularity. The location can be assigned to multiple physical resources or systems to avoid duplication of entry of the information.

Systems workspace
Reports operating system and server information for the selected system.

This workspace contains the following views:

Operating System
Reports the execution of software that is responsible for the

formation of an execution environment and allocations of resources for software programs on a computing entity. This view represents a fully functioning operating system, but in some special cases can represent the firmware on a dedicated system.

Server Reports a single node computer system such as a desktop, mobile, or multi-purpose server. This class represents physical and virtual containers that can be used for a wide range of purposes through the Operating Systems that run on them.

USB workspace

This workspace contains USB (Universal Serial Bus) information for the selected system.

This workspace contains the following view:

USB Controllers

Reports information on USB host controllers.

User Devices workspace

Displays common user devices including keyboards, pointing devices and printers for the selected system.

This workspace contains the following views:

Keyboard

Reports information and operation of a keyboard device.

Pointing Device

Reports the functional operation of devices used to point to and control regions of a display.

Printer

Reports printer operations. This view shows external printers and print servers.

Jobs Navigator item

Jobs workspace

This workspace shows information on all jobs for the selected system.

This workspace contains the following view:

Jobs Displays information on all jobs for the selected system.

Director View by Group subnode

This section contains descriptions of predefined workspaces. The workspaces are organized by the Navigator item to which the workspaces are relevant.

Director View by Group Navigator item

Director View by Group workspace

The Director View by Group folder, when expanded, contains information for a specific set of Systems Director groups. Each system group contains details, events, inventory and job information specific to that group. The high-level workspace, Systems Director base Group Systems contains information on each system in the selected group.

This workspace contains the following view:

Group Systems
Displays detailed system information for each system in the selected system group.

Event Log Navigator item

Event Log workspace
This workspace displays an event history from Systems Director for the selected system group, listing the most recent events first. It is limited in scope to Systems Director base functionality. The number of events, default of 500, can be adjusted in the Agent Configuration Events settings page by changing the Event Log History Count value. Since this attribute group is historical in nature, it should not be used to construct situations. Instead, use the Events attribute group or KD9 EVENTS as it appears in the Situation Editor. The Events attribute group receives asynchronous real-time event notifications from Systems Director and therefore does not poll. The information is otherwise identical.

This workspace contains the following view:

Event Log
Displays an event history of the most recent event information from Systems Director for the selected system group.

Inventory Selection Navigator item

Blade Management Modules for System Groups workspace
This workspace contains blade management information for the selected system group.

This workspace contains the following view:

Blade Management Modules
Reports computer systems representing the module managing blades. This is the dedicated management module that adminsters the management of the various blades and modules in a chassis.

Cache Memory for System Groups workspace
Displays cache memory, memory chip and physical memory information for the selected system group.

This workspace contains the following view:

Cache Memory
Represents the functional operation of Cache Memory. Cache memory is dedicated or allocated RAM that a Processor searches first for data, before going to regular memory.

Chassis for System Groups workspace
This workspace reports information for physical chassis for the selected system group.

This workspace contains the following view:

Chassis
Represent the physical resources that enclose other resources and provide definable functionality, such as a desktop, processing node, UPS, disk or tape storage, or a combination of these.

Disk Drive for System Groups workspace
Displays disk drive information for the selected system group.

This workspace contains the following view:

Disk Drive
Reports the functional operation of a media access device that is a disk drive.

Disk Media for System Groups workspace
Displays disk media information for optical drives such as CD/DVD drives and diskette drives for the selected system group.

This workspace contains the following views:

Optical Drive
Reports the operation of a media access device that is a CD-ROM, DVD or magneto optical drive.

Floppy Drive
Reports the functional operation of a media access device that is a diskette drive.

Disk Partitions for System Groups workspace
Displays partition information for disk drives for the selected system group.

This workspace contains the following view:

Disk Partitions
Reports MBR (Master Boot Record) style partitions used in X86 platforms such as Windows and Linux.

Display for System Groups workspace
This workspace reports information on video display devices and display controllers for the selected system group.

This workspace contains the following views:

Video Display
Reports on the operation of one head of a video adapter. The video adapter is reported by the Display Controller view.

Display Controller
Reports on the operation of a video adapter. Each video head for the adapter is shown in the Video Display view.

DNS Interfaces for System Groups workspace
Displays DNS (Domain Name Server) network information for the selected system group.

This workspace contains the following view:

DNS Interfaces
Each row reports the DNS client and DNS configuration for a single IP resource. This represents the configuration that is currently being used in interfacing with the DNS Server and what information has been assigned for this system.

Ethernet Ports for System Groups workspace
This workspace displays ethernet port information for the selected system group.

This workspace contains the following view:

Ethernet Ports
Reports the functional operation of an ethernet port device. This may represent a physical port on a card or a virtual port allocated out by a hypervisor.

Fans for System Groups workspace
Displays fan information for the selected system group.

This workspace contains the following view:

Fans Reports the functional operation of a fan, which is one specific type of cooling device for a system.

Fibre Channel Ports for System Groups workspace
This workspace reports fibre channel port information for the selected system group.

This workspace contains the following view:

Fibre Channel Ports
Reports the operation of a port for a fibre channel adapter. This could represent the port on an host bus adapter, the port on the switch, or the port on the storage array.

File Systems for System Groups workspace
This workspace reports file system information for the selected system group.

This workspace contains the following view:

File System
Represents a file or data set store local to a system such as a computer system or an application system, or remotely mounted from a file server. This represents the collection of files that are defined together with various mounting and storage policies. The files contained within may serve a variety of unrelated purposes.

FRU for System Groups workspace
This workspace reports information on Field Replaceable Units for the selected system group

This workspace contains the following view:

FRU FRUs (field replaceable units) are vendor-defined collections of products or physical elements that are associated with a product for the purpose of supporting, maintaining or updating the product at a customer location.

Hardware Control Points for System Groups workspace
Reports information on hardware management consoles for the selected system group.

This workspace contains the following view:

Hardware Management Console
Reports a computer system that controls managed systems, including the management of logical partitions and the use of Capacity on Demand. This represents a dedicated system that is closed to anything other than performing this management functionality.

IDE Controllers for System Groups workspace
Reports information on IDE (Integrated Drive Electronics) controllers for the selected system group.

This workspace contains the following view:

IDE Controllers
Reports on the operations of IDE controllers. This represents the devices plugged into the IDE bus and not the bus itself.

Inventory Selection workspace
Lists the available inventory selections for the selected system group.

This workspace contains the following view:

Inventory Selection
Lists the available inventory by type and class for the selected system group.

IP Interfaces for System Groups workspace
Displays IP (Internet Protocol) network information for the selected system group.

This workspace contains the following view:

IP Interfaces
Each row reports an individual IP Interface (for example an IP address) that is available on a given system. This view may represent an IP address for a Network interface that is enabled or one that is currently disabled.

LAN Connections for System Groups workspace
Displays Local Area Network (LAN) connections for the selected system group.

This workspace contains the following view:

LAN Connections
Represents a communication resource that sends and receives data frames when the associated interface device is connected to a LAN. This view represents the LAN Connection with a MAC Address for either a Physical or Virtual NIC.

Logical Disks for System Groups workspace
Displays logical disk drive information for the selected system group.

This workspace contains the following view:

Logical Disk
Reports the presentation of a contiguous range of logical blocks that is identifiable by applications such as file systems.

Logical Modules for System Groups workspace
Displays logical module information for the selected system group.

This workspace contains the following view:

Logical Modules
Reports the functional operation of a given a module. A module here is used to represent any logical device that is not broken down into another logical device subclass.

Management Controllers for System Groups workspace
Reports information on management controllers for the selected system group.

This workspace contains the following view:

Management Controller
Reports a computer system that is a specialized service processor that monitors the physical state of a computer, network server, or other hardware. This can be used to represent service processors or other hardware management integrated into a device.

Memory for System Groups workspace
Displays memory information for the selected system group.

This workspace contains the following view:

Memory
Represents the functional operation of memory that the operating system or firmware sees for DIMMs.

Network Settings for System Groups workspace
Reports information on network-related settings for each IP (Internet Protocol) interface for the selected system group.

This workspace contains the following view:

DNS Settings
Reports the DNS configuration settings for each IP network connection. This represents information that has been configured on a given Operating System as to which DNS to use.

Network Systems for System Groups workspace
Reports information on network switches and systems where the actual type cannot be determined for the selected system group.

This workspace contains the following views:

Switch
Reports computer systems dedicated to acting as a switch for network traffic. Reports on the computing entity in the device that handles incoming network traffic and sends it to the proper outbound destination.

Generic Device
Reports computer systems that have been discovered on the network for which the device type is not known. Systems Director base places the device in this category when it cannot be determined that the device is a switch or some other network device type.

Operating Systems for System Groups workspace
Reports operating system information for the selected system group.

This workspace contains the following view:

Operating System
Reports the attributes of the operating system group that is responsible for the formation of an execution environment and allocations of resources for software programs on a computing entity. This view represents a fully functioning operating system, but in some special cases can represent the firmware on a dedicated system.

PCI Bridges for System Groups workspace
Displays information for PCI (Peripheral Component Interconnect) bridges for the selected system group.

This workspace contains the following view:

PCI Bridges
Reports the functional operation of PCI controllers that provide bridge-to-bridge capability.

PCI Devices for System Groups workspace
Displays information for PCI (Peripheral Component Interconnect) devices for the selected system group.

This workspace contains the following view:

PCI Devices
Reports the operation of PCI device controllers on cards.

Peripheral Controllers for System Groups workspace
Reports information on parallel and serial controllers for the selected system group.

This workspace contains the following views:

Parallel Controllers
Reports the functional operation for parallel controllers. For example, this can represent the adapter for parallel ports for things such as printers.

Serial Controllers
Reports the functional operation of serial controllers. For example, this can represent the adapter for serial ports for things such as pointing devices.

Physical Connectors for System Groups workspace
This workspace reports physical connector and port information for the selected system group.

This workspace contains the following views:

Physical Connector
This is the parent class for any physical resource that is used to connect to other resources. Any object that can be used to connect and transmit signals or power between two or more physical resources is a member of this class. Examples of physical connectors include slots and D-shell connectors.

Physical Ports
This view reports the physical representation of a port on a card. Here, ports are differentiated from slots and contain the physical location and asset information for things such as ethernet ports.

Physical Elements for System Groups workspace
This workspace reports physical links and chips for the selected system group

This workspace contains the following views:

Chips Reports any type of integrated circuit hardware, including ASICs, processors, and memory chips. In most cases this class is a concrete class, except for subclasses such as physical memory.

Physical Links
Represents the cabling of physical resources together. This may be any sort of linking or cable that physically exists, such as an RJ-45 Ethernet cable or a Coaxial cable.

Physical Frame for System Groups workspace

This workspace reports information for physical frames for the selected system group.

This workspace contains the following view:

Physical Frame

Physical Frame represents the parent class of chassis and other frame enclosures. Properties such as visible or audible alarm, and data related to security breaches are part of Physical Frame.

Physical Memory for System Groups workspace

This workspace reports information on physical memory for the selected system group.

This workspace contains the following view:

Physical Memory

Reports a type of chip, representing low-level memory devices such as SIMMS, DIMMs, and raw memory chips.

Physical Packages for System Groups workspace

This workspace reports information on physical components such as cards and system boards for the selected system group.

This workspace contains the following views:

Card Reports physical containers that can be plugged into another card or hosting board, or is itself a hosting board in a chassis. The card object includes any package capable of carrying signals and providing a mounting point for physical components, such as chips, or other physical packages, such as other cards.

Physical Package

This is the parent class for physical resources that contain or host other components. Examples of physical packages include rack enclosures and cards.

Physical Volumes for System Groups workspace

Displays physical volume information for the selected system group.

This workspace contains the following view:

Physical Volumes

Reports storage extents that are the volume representation of a physical disk such as a disk drive, tape drive or optical drive.

Port Controllers for System Groups workspace

This workspace displays port controller information for the selected system group.

This workspace contains the following view:

Port Controllers

Reports the operation of devices or adapters corresponding to hardware network port controllers. Port controllers provide various features depending on their types and versions.

Processors for System Groups workspace

Displays processor information for the selected system group.

This workspace contains the following view:

Processors
Reports the functional operation of a processor. This may represent a physical processor or a partial processor that has been allocated to a virtual server.

Remote Service Access Points for System Groups workspace
Reports information on remote connections to local resources for the selected system.

This workspace contains the following view:

Remote Service Access Points
Reports access or addressing information for a remote connection that is known to a local network resource. This is in general specific to management access points and represents how applications access the endpoints to perform management.

SCSI Connections for System Groups workspace
This workspace reports SCSI protocol interface and serial attached SCSI port information for the selected system group.

This workspace contains the following views:

SCSI Interfaces
Reports the protocol aspects of logical SCSI ports independent of the connection or transport. This represents the SCSI communication between Fibre Channel ports from either a Host to a Switch or Switch to an Array.

Serial Attached SCSI Ports
Reports the functional operation of the port of a serial attached SCSI device to a system connection.

Servers for System Groups workspace
Reports server information for the selected system group.

This workspace contains the following view:

Server Reports a single node computer system such as a desktop, a mobile, or a multi-purpose server. This class represents both physical and virtual containers that can be used for a wide range of purposes through the Operating Systems that run on them.

Slots for System Groups workspace
This workspace reports slot information for the selected system group.

This workspace contains the following view:

Slots Reports connectors into which packages are inserted. For example, a physical package that is a disk drive can be inserted into an SCA slot.

Storage Systems for System Groups workspace
This workspaces reports storage system and RAID (redundant array of independent disks) controller information for the selected system group.

This workspace contains the following views:

Storage Systems
Reports computer systems dedicated to acting as storage servers or arrays. This class represents the processing capabilities of how an array pools and allocates volumes, including network interaction with switches.

RAID Controllers
Reports hardware devices such as disk controllers, chip sets, or software that support one or more RAID configurations. This class is derived from computer system since it provides additional computing support, but is in general a device providing the RAID support.

Storage Volumes for System Groups workspace
Displays storage volume information for the selected system group.

This workspace contains the following view:

Storage Volumes
Reports storage extents that are published for use outside of the scoping system. For SCSI storage target devices, storage volumes are used to represent target block devices.

System Chassis for System Groups workspace
This workspace contains system chassis and pass-through module information for the selected system group.

This workspace contains the following views:

System Chassis
Reports computer systems representing the modular enclosure containing blades. This report represents the full chassis and any functionality provided across the whole physical hardware entity.

Pass Through Modules
Reports computer systems that are dedicated for network traffic where a straight pass-through is done instead of switching. In a blade and chassis environment, many connections pass through modules.

System Locations for System Groups workspace
This workspace reports system location information for the selected system group.

This workspace contains the following view:

Location
Represents the position and address information for a physical resource or system. This can be geographical information such as longitude and latitude or can be postal address information with various levels of granularity. The location can be assigned to multiple physical resources or systems to avoid duplication of the information.

System Settings for System Groups workspace
This workspace reports basic system settings information for the selected system group.

This workspace contains the following views:

System Asset Settings
Reports Asset, Lease and Warranty information for the System. In general this information may be provided by the system itself or information that a customer can enter.

Time Zone Settings
Displays a set of properties that define a particular time zone. This represents the current time zone information as it is defined on an Operating System to be used throughout the year.

USB for System Groups workspace

This workspace contains USB (Universal Serial Bus) information for the selected system group.

This workspace contains the following view:

USB Controllers

Reports information on USB host controllers.

User Devices for System Groups workspace

Displays common user devices including keyboards, pointing devices, and printers for the selected system group.

This workspace contains the following views:

Keyboard

Reports information and operation of a keyboard device.

Pointing Device

Reports the functional operation of devices used to point to and control regions of a display.

Printer

Reports printer operations. This would either be an external printer that is seen through an operating system or the printing capabilities seen through a print server.

Jobs Navigator item

Jobs workspace

This workspace shows information on all jobs for the selected system group.

This workspace contains the following view:

Jobs Displays information on all jobs for the selected system group.

Chapter 4. Attributes reference

This chapter contains an overview of attributes, references for detailed information about attributes, and descriptions of the attributes for each attribute group included in this monitoring agent.

About attributes

Attributes are the application properties that are being measured and reported by the IBM Tivoli Monitoring Agent for Systems Director base.

Attributes are organized into groups according to their purpose. The attributes in a group can be used in the following two ways:

- Chart or table views

  Attributes are displayed in chart and table views. The chart and table views use queries to specify which attribute values to request from a monitoring agent. You use the Query editor to create a new query, modify an existing query, or apply filters and set styles to define the content and appearance of a view based on an existing query.
- Situations

  You use attributes to create situations that monitor the state of your operating system, database, or application. A situation describes a condition you want to test. When you start a situation, the Tivoli Enterprise Portal compares the values you have assigned to the situation attributes with the values collected by the IBM Tivoli Monitoring Agent for Systems Director base and registers an *event* if the condition is met. You are alerted to events by indicator icons that are displayed in the Navigator.

More information about attributes

For more information about using attributes and attribute groups, see the *Tivoli Enterprise Portal User's Guide*.

For a list of the attributes groups, a list of the attributes in each attribute group, and descriptions of the attributes for this monitoring agent, see the Attribute groups and attributes section in this chapter.

Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base

This monitoring agent contains the following attribute groups. The table name depends on the maximum table name limits of the target database being used for the Tivoli Data Warehouse. If the maximum name is 30 characters, then any warehouse table name longer than 30 characters is shortened to 30 characters.

- Attribute group name: All Director Endpoint Systems
  - Table name: KD9DALLEND
  - Warehouse table name: KD9_ALL_DIRECTOR_ENDPOINT_SYSTEMS or KD9DALLEND
- Attribute group name: All Endpoint Events Raw
  - Table name: KD9SDEVTSR

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  - Warehouse table name: KD9_ALL_ENDPOINT_EVENTS_RAW or KD9SDEVTSR
- Attribute group name: All Endpoints Event Console
  - Table name: KD9SDEVTS
  - Warehouse table name: KD9_ALL_ENDPOINTS_EVENT_CONSOLE or KD9SDEVTS
- Attribute group name: All Jobs
  - Table name: KD9ALLJOBS
  - Warehouse table name: KD9_ALL_JOBS or KD9ALLJOBS
- Attribute group name: All Managed Endpoints
  - Table name: KD9ALLENDP
  - Warehouse table name: KD9_ALL_MANAGED_ENDPOINTS or KD9ALLENDP
- Attribute group name: Blade Admin Server
  - Table name: KD9BLDADSV
  - Warehouse table name: KD9_BLADE_ADMIN_SERVER or KD9BLDADSV
- Attribute group name: Blade Admin Server Group View
  - Table name: KD9BLDASVG
  - Warehouse table name: KD9_BLADE_ADMIN_SERVER_GROUP_VIEW or KD9BLDASVG
- Attribute group name: Cache Memory
  - Table name: KD9CACHMEM
  - Warehouse table name: KD9_CACHE_MEMORY or KD9CACHMEM
- Attribute group name: Cache Memory Group View
  - Table name: KD9CACHMEG
  - Warehouse table name: KD9_CACHE_MEMORY_GROUP_VIEW or KD9CACHMEG
- Attribute group name: Card
  - Table name: KD9CARD
  - Warehouse table name: KD9_CARD
- Attribute group name: Card Group View
  - Table name: KD9CARDG
  - Warehouse table name: KD9_CARD_GROUP_VIEW or KD9CARDG
- Attribute group name: Chassis
  - Table name: KD9CHASSIS
  - Warehouse table name: KD9_CHASSIS
- Attribute group name: Chassis Group View
  - Table name: KD9CHASSIG
  - Warehouse table name: KD9_CHASSIS_GROUP_VIEW or KD9CHASSIG
- Attribute group name: Chip
  - Table name: KD9CHIP
  - Warehouse table name: KD9_CHIP
- Attribute group name: Chip Group View
  - Table name: KD9CHIPG
  - Warehouse table name: KD9_CHIP_GROUP_VIEW or KD9CHIPG
- Attribute group name: Discovery Jobs

  - Table name: KD9SYSDISC
  - Warehouse table name: KD9_DISCOVERY_JOBS or KD9SYSDISC
- Attribute group name: Disk Drive
  - Table name: KD9DISKDRV
  - Warehouse table name: KD9_DISK_DRIVE or KD9DISKDRV
- Attribute group name: Disk Drive Group View
  - Table name: KD9DISKDRG
  - Warehouse table name: KD9_DISK_DRIVE_GROUP_VIEW or KD9DISKDRG
- Attribute group name: Disk Partition
  - Table name: KD9DSKPART
  - Warehouse table name: KD9_DISK_PARTITION or KD9DSKPART
- Attribute group name: Disk Partition Group View
  - Table name: KD9DSKPARG
  - Warehouse table name: KD9_DISK_PARTITION_GROUP_VIEW or KD9DSKPARG
- Attribute group name: Diskette Drive
  - Table name: KD9DSKTDRV
  - Warehouse table name: KD9_DISKETTE_DRIVE or KD9DSKTDRV
- Attribute group name: Diskette Drive Group View
  - Table name: KD9DSKTDRG
  - Warehouse table name: KD9_DISKETTE_DRIVE_GROUP_VIEW or KD9DSKTDRG
- Attribute group name: Display Controller
  - Table name: KD9DISPCON
  - Warehouse table name: KD9_DISPLAY_CONTROLLER or KD9DISPCON
- Attribute group name: Display Controller Group View
  - Table name: KD9DISPCOG
  - Warehouse table name: KD9_DISPLAY_CONTROLLER_GROUP_VIEW or KD9DISPCOG
- Attribute group name: DNS Protocol Endpoint
  - Table name: KD9DNSPEND
  - Warehouse table name: KD9_DNS_PROTOCOL_ENDPOINT or KD9DNSPEND
- Attribute group name: DNS Protocol Endpoint Group View
  - Table name: KD9DNSPENG
  - Warehouse table name: KD9_DNS_PROTOCOL_ENDPOINT_GROUP_VIEW or KD9DNSPENG
- Attribute group name: DNS Settings
  - Table name: KD9DNSSETN
  - Warehouse table name: KD9_DNS_SETTINGS or KD9DNSSETN
- Attribute group name: DNS Settings Group View
  - Table name: KD9DNSSETG
  - Warehouse table name: KD9_DNS_SETTINGS_GROUP_VIEW or KD9DNSSETG
- Attribute group name: Endpoint System
  - Table name: KD9SYSENDP

  - Warehouse table name: KD9_ENDPOINT_SYSTEM or KD9SYSENDP
- Attribute group name: Endpoints Group View
  - Table name: KD9GRPENDP
  - Warehouse table name: KD9_ENDPOINTS_GROUP_VIEW or KD9GRPENDP
- Attribute group name: EP Performance Object Status
  - Table name: KD9EPPOS
  - Warehouse table name: KD9_EP_PERFORMANCE_OBJECT_STATUS or KD9EPPOS
- Attribute group name: Ethernet Port
  - Table name: KD9ETHPORT
  - Warehouse table name: KD9_ETHERNET_PORT or KD9ETHPORT
- Attribute group name: Ethernet Port Group View
  - Table name: KD9ETHPORG
  - Warehouse table name: KD9_ETHERNET_PORT_GROUP_VIEW or KD9ETHPORG
- Attribute group name: Event Conditions
  - Table name: KD9SDEVCND
  - Warehouse table name: KD9_EVENT_CONDITIONS or KD9SDEVCND
- Attribute group name: Event Details
  - Table name: KD9SDEVDET
  - Warehouse table name: KD9_EVENT_DETAILS or KD9SDEVDET
- Attribute group name: Event Info
  - Table name: KD9SDEVDTI
  - Warehouse table name: KD9_EVENT_INFO or KD9SDEVDTI
- Attribute group name: Event Log Group View
  - Table name: KD9DIREVTG
  - Warehouse table name: KD9_EVENT_LOG_GROUP_VIEW or KD9DIREVTG
- Attribute group name: Event Log Raw
  - Table name: KD9DREVTRG
  - Warehouse table name: KD9_EVENT_LOG_RAW or KD9DREVTRG
- Attribute group name: Event Types
  - Table name: KD9EVTTYPS
  - Warehouse table name: KD9_EVENT_TYPES or KD9EVTTYPS
- Attribute group name: Event Types Raw
  - Table name: KD9REVTTYP
  - Warehouse table name: KD9_EVENT_TYPES_RAW or KD9REVTTYP
- Attribute group name: Events
  - Table name: KD9DIREVT
  - Warehouse table name: KD9_EVENTS or KD9DIREVT
- Attribute group name: Fan
  - Table name: KD9FAN
  - Warehouse table name: KD9_FAN
- Attribute group name: Fan Group View
  - Table name: KD9FANG
  - Warehouse table name: KD9_FAN_GROUP_VIEW or KD9FANG

- Attribute group name: Fibre Channel Port
  - Table name: KD9FCPORT
  - Warehouse table name: KD9_FIBRE_CHANNEL_PORT or KD9FCPORT
- Attribute group name: Fibre Channel Port Group View
  - Table name: KD9FCPORTG
  - Warehouse table name: KD9_FIBRE_CHANNEL_PORT_GROUP_VIEW or KD9FCPORTG
- Attribute group name: File System
  - Table name: KD9FILESYS
  - Warehouse table name: KD9_FILE_SYSTEM or KD9FILESYS
- Attribute group name: File System Group View
  - Table name: KD9FILSYSG
  - Warehouse table name: KD9_FILE_SYSTEM_GROUP_VIEW or KD9FILSYSG
- Attribute group name: FRU
  - Table name: KD9FRU
  - Warehouse table name: KD9_FRU
- Attribute group name: FRU Group View
  - Table name: KD9FRUG
  - Warehouse table name: KD9_FRU_GROUP_VIEW or KD9FRUG
- Attribute group name: Generic Network Device
  - Table name: KD9GHNTDEV
  - Warehouse table name: KD9_GENERIC_NETWORK_DEVICE or KD9GHNTDEV
- Attribute group name: Generic Network Device Group View
  - Table name: KD9GNTDEVG
  - Warehouse table name: KD9_GENERIC_NETWORK_DEVICE_GROUP_VIEW or KD9GNTDEVG
- Attribute group name: GR Performance Object Status
  - Table name: KD9GRPOS
  - Warehouse table name: KD9_GR_PERFORMANCE_OBJECT_STATUS or KD9GRPOS
- Attribute group name: Hardware Management Console
  - Table name: KD9HDMNCNS
  - Warehouse table name: KD9_HARDWARE_MANAGEMENT_CONSOLE or KD9HDMNCNS
- Attribute group name: Hardware Management Console Group View
  - Table name: KD9HMNCNSG
  - Warehouse table name: KD9_HARDWARE_MANAGEMENT_CONSOLE_GROUP_VIEW or KD9HMNCNSG
- Attribute group name: IDE Controller
  - Table name: KD9IDECONT
  - Warehouse table name: KD9_IDE_CONTROLLER or KD9IDECONT
- Attribute group name: IDE Controller Group View
  - Table name: KD9IDECONG

  - Warehouse table name: KD9_IDE_CONTROLLER_GROUP_VIEW or KD9IDECONG
- Attribute group name: Inventory Group View
  - Table name: KD9INV1G
  - Warehouse table name: KD9_INVENTORY_GROUP_VIEW or KD9INV1G
- Attribute group name: Inventory View
  - Table name: KD9INV1
  - Warehouse table name: KD9_INVENTORY_VIEW or KD9INV1
- Attribute group name: IP Protocol Endpoint
  - Table name: KD9IPPREND
  - Warehouse table name: KD9_IP_PROTOCOL_ENDPOINT or KD9IPPREND
- Attribute group name: IP Protocol Endpoint Group View
  - Table name: KD9IPPRENG
  - Warehouse table name: KD9_IP_PROTOCOL_ENDPOINT_GROUP_VIEW or KD9IPPRENG
- Attribute group name: Jobs
  - Table name: KD9JOBS
  - Warehouse table name: KD9_JOBS
- Attribute group name: Jobs Group View
  - Table name: KD9JOBSG
  - Warehouse table name: KD9_JOBS_GROUP_VIEW or KD9JOBSG
- Attribute group name: Keyboard
  - Table name: KD9KEYBORD
  - Warehouse table name: KD9_KEYBOARD or KD9KEYBORD
- Attribute group name: Keyboard Group View
  - Table name: KD9KEYBORG
  - Warehouse table name: KD9_KEYBOARD_GROUP_VIEW or KD9KEYBORG
- Attribute group name: LAN End point
  - Table name: KD9LANEND
  - Warehouse table name: KD9_LAN_END_POINT or KD9LANEND
- Attribute group name: LAN End Point Group View
  - Table name: KD9LANENDG
  - Warehouse table name: KD9_LAN_END_POINT_GROUP_VIEW or KD9LANENDG
- Attribute group name: Location
  - Table name: KD9LOCATN
  - Warehouse table name: KD9_LOCATION or KD9LOCATN
- Attribute group name: Location Group View
  - Table name: KD9LOCATNG
  - Warehouse table name: KD9_LOCATION_GROUP_VIEW or KD9LOCATNG
- Attribute group name: Logical Module
  - Table name: KD9LOGMOD
  - Warehouse table name: KD9_LOGICAL_MODULE or KD9LOGMOD
- Attribute group name: Logical Module Group View
  - Table name: KD9LOGMODG

  - Warehouse table name: KD9_LOGICAL_MODULE_GROUP_VIEW or KD9LOGMODG
- Attribute group name: Logical Volume
  - Table name: KD9LOGVOL
  - Warehouse table name: KD9_LOGICAL_VOLUME or KD9LOGVOL
- Attribute group name: Logical Volume Group View
  - Table name: KD9LOGVOLG
  - Warehouse table name: KD9_LOGICAL_VOLUME_GROUP_VIEW or KD9LOGVOLG
- Attribute group name: Management Controller
  - Table name: KD9MNGCONT
  - Warehouse table name: KD9_MANAGEMENT_CONTROLLER or KD9MNGCONT
- Attribute group name: Management Controller Group View
  - Table name: KD9MNGCTRG
  - Warehouse table name: KD9_MANAGEMENT_CONTROLLER_GROUP_VIEW or KD9MNGCTRG
- Attribute group name: Memory
  - Table name: KD9MEMORY
  - Warehouse table name: KD9_MEMORY
- Attribute group name: Memory Group View
  - Table name: KD9MEMORYG
  - Warehouse table name: KD9_MEMORY_GROUP_VIEW or KD9MEMORYG
- Attribute group name: Operating System
  - Table name: KD9OPERSYS
  - Warehouse table name: KD9_OPERATING_SYSTEM or KD9OPERSYS
- Attribute group name: Operating System Group View
  - Table name: KD9OPRSYSG
  - Warehouse table name: KD9_OPERATING_SYSTEM_GROUP_VIEW or KD9OPRSYSG
- Attribute group name: Optical Drive
  - Table name: KD9OPTDRIV
  - Warehouse table name: KD9_OPTICAL_DRIVE or KD9OPTDRIV
- Attribute group name: Optical Drive Group View
  - Table name: KD9OPTDRVG
  - Warehouse table name: KD9_OPTICAL_DRIVE_GROUP_VIEW or KD9OPTDRVG
- Attribute group name: Parallel Controller
  - Table name: KD9PLLCONT
  - Warehouse table name: KD9_PARALLEL_CONTROLLER or KD9PLLCONT
- Attribute group name: Parallel Controller Group View
  - Table name: KD9PLLCNTG
  - Warehouse table name: KD9_PARALLEL_CONTROLLER_GROUP_VIEW or KD9PLLCNTG
- Attribute group name: Pass Through Module
  - Table name: KD9PASSTMD

  - Warehouse table name: KD9_PASS_THROUGH_MODULE or KD9PASSTMD
- Attribute group name: Pass Through Module Group View
  - Table name: KD9PASTMDG
  - Warehouse table name: KD9_PASS_THROUGH_MODULE_GROUP_VIEW or KD9PASTMDG
- Attribute group name: PCI Bridge
  - Table name: KD9PCIBRIG
  - Warehouse table name: KD9_PCI_BRIDGE or KD9PCIBRIG
- Attribute group name: PCI Bridge Group View
  - Table name: KD9PCIBRGG
  - Warehouse table name: KD9_PCI_BRIDGE_GROUP_VIEW or KD9PCIBRGG
- Attribute group name: PCI Device
  - Table name: KD9PCIDEV
  - Warehouse table name: KD9_PCI_DEVICE or KD9PCIDEV
- Attribute group name: PCI Device Group View
  - Table name: KD9PCIDEVG
  - Warehouse table name: KD9_PCI_DEVICE_GROUP_VIEW or KD9PCIDEVG
- Attribute group name: Performance Object Status
  - Table name: KD9POBJST
  - Warehouse table name: KD9_PERFORMANCE_OBJECT_STATUS or KD9POBJST
- Attribute group name: Physical Connector
  - Table name: KD9PHYSCON
  - Warehouse table name: KD9_PHYSICAL_CONNECTOR or KD9PHYSCON
- Attribute group name: Physical Connector Group View
  - Table name: KD9PHYSCNG
  - Warehouse table name: KD9_PHYSICAL_CONNECTOR_GROUP_VIEW or KD9PHYSCNG
- Attribute group name: Physical Frame
  - Table name: KD9PHYFRAM
  - Warehouse table name: KD9_PHYSICAL_FRAME or KD9PHYFRAM
- Attribute group name: Physical Frame Group View
  - Table name: KD9PHYFRMG
  - Warehouse table name: KD9_PHYSICAL_FRAME_GROUP_VIEW or KD9PHYFRMG
- Attribute group name: Physical Link
  - Table name: KD9PHYLINK
  - Warehouse table name: KD9_PHYSICAL_LINK or KD9PHYLINK
- Attribute group name: Physical Link Group View
  - Table name: KD9PHYLNKG
  - Warehouse table name: KD9_PHYSICAL_LINK_GROUP_VIEW or KD9PHYLNKG
- Attribute group name: Physical Memory
  - Table name: KD9PHYSMEM
  - Warehouse table name: KD9_PHYSICAL_MEMORY or KD9PHYSMEM
- Attribute group name: Physical Memory Group View

  - Table name: KD9PHYMEMG
  - Warehouse table name: KD9_PHYSICAL_MEMORY_GROUP_VIEW or KD9PHYMEMG
- Attribute group name: Physical Package
  - Table name: KD9PHYPACK
  - Warehouse table name: KD9_PHYSICAL_PACKAGE or KD9PHYPACK
- Attribute group name: Physical Package Group View
  - Table name: KD9PHYPCKG
  - Warehouse table name: KD9_PHYSICAL_PACKAGE_GROUP_VIEW or KD9PHYPCKG
- Attribute group name: Physical Port
  - Table name: KD9PHYPRT
  - Warehouse table name: KD9_PHYSICAL_PORT or KD9PHYPRT
- Attribute group name: Physical Port Group View
  - Table name: KD9PHYPRTG
  - Warehouse table name: KD9_PHYSICAL_PORT_GROUP_VIEW or KD9PHYPRTG
- Attribute group name: Physical Volume
  - Table name: KD9PHYSVOL
  - Warehouse table name: KD9_PHYSICAL_VOLUME or KD9PHYSVOL
- Attribute group name: Physical Volume Group View
  - Table name: KD9PHYSVLG
  - Warehouse table name: KD9_PHYSICAL_VOLUME_GROUP_VIEW or KD9PHYSVLG
- Attribute group name: Pointing Device
  - Table name: KD9POINTDV
  - Warehouse table name: KD9_POINTING_DEVICE or KD9POINTDV
- Attribute group name: Pointing Device Group View
  - Table name: KD9POINTDG
  - Warehouse table name: KD9_POINTING_DEVICE_GROUP_VIEW or KD9POINTDG
- Attribute group name: Port Controller
  - Table name: KD9PORTCON
  - Warehouse table name: KD9_PORT_CONTROLLER or KD9PORTCON
- Attribute group name: Port Controller Group View
  - Table name: KD9PORTCNG
  - Warehouse table name: KD9_PORT_CONTROLLER_GROUP_VIEW or KD9PORTCNG
- Attribute group name: Printer
  - Table name: KD9PRINTER
  - Warehouse table name: KD9_PRINTER
- Attribute group name: Printer Group View
  - Table name: KD9PRINTRG
  - Warehouse table name: KD9_PRINTER_GROUP_VIEW or KD9PRINTRG
- Attribute group name: Processor
  - Table name: KD9PROCSSR

  - Warehouse table name: KD9_PROCESSOR or KD9PROCSSR
- Attribute group name: Processor Group View
  - Table name: KD9PRCSSRG
  - Warehouse table name: KD9_PROCESSOR_GROUP_VIEW or KD9PRCSSRG
- Attribute group name: RAID Controller
  - Table name: KD9RAIDCON
  - Warehouse table name: KD9_RAID_CONTROLLER or KD9RAIDCON
- Attribute group name: RAID Controller Group View
  - Table name: KD9RAIDCNG
  - Warehouse table name: KD9_RAID_CONTROLLER_GROUP_VIEW or KD9RAIDCNG
- Attribute group name: Remote Service Access Point
  - Table name: KD9RSACCPT
  - Warehouse table name: KD9_REMOTE_SERVICE_ACCESS_POINT or KD9RSACCPT
- Attribute group name: Remote Service Access Point Group View
  - Table name: KD9RSACPG
  - Warehouse table name: KD9_REMOTE_SERVICE_ACCESS_POINT_GROUP_VIEW or KD9RSACPG
- Attribute group name: SAS Port
  - Table name: KD9SASPORT
  - Warehouse table name: KD9_SAS_PORT or KD9SASPORT
- Attribute group name: SAS Port Group View
  - Table name: KD9SASPRTG
  - Warehouse table name: KD9_SAS_PORT_GROUP_VIEW or KD9SASPRTG
- Attribute group name: SCSI Protocol Endpoint
  - Table name: KD9SCSIPE
  - Warehouse table name: KD9_SCSI_PROTOCOL_ENDPOINT or KD9SCSIPE
- Attribute group name: SCSI Protocol Endpoint Group View
  - Table name: KD9SCSIPEG
  - Warehouse table name: KD9_SCSI_PROTOCOL_ENDPOINT_GROUP_VIEW or KD9SCSIPEG
- Attribute group name: Serial Controller
  - Table name: KD9SERCON
  - Warehouse table name: KD9_SERIAL_CONTROLLER or KD9SERCON
- Attribute group name: Serial Controller Group View
  - Table name: KD9SERCONG
  - Warehouse table name: KD9_SERIAL_CONTROLLER_GROUP_VIEW or KD9SERCONG
- Attribute group name: Server
  - Table name: KD9SERVER
  - Warehouse table name: KD9_SERVER
- Attribute group name: Server Group View
  - Table name: KD9SERVERG
  - Warehouse table name: KD9_SERVER_GROUP_VIEW or KD9SERVERG
- Attribute group name: Slot

  - Table name: KD9SLOT
  - Warehouse table name: KD9_SLOT
- Attribute group name: Slot Group View
  - Table name: KD9SLOTG
  - Warehouse table name: KD9_SLOT_GROUP_VIEW or KD9SLOTG
- Attribute group name: SNMP Trap Target
  - Table name: KD9SNMPTT
  - Warehouse table name: KD9_SNMP_TRAP_TARGET or KD9SNMPTT
- Attribute group name: SNMP Trap Target Group View
  - Table name: KD9SNMPTTG
  - Warehouse table name: KD9_SNMP_TRAP_TARGET_GROUP_VIEW or KD9SNMPTTG
- Attribute group name: Storage Subsystem
  - Table name: KD9STORSUB
  - Warehouse table name: KD9_STORAGE_SUBSYSTEM or KD9STORSUB
- Attribute group name: Storage Subsystem Group View
  - Table name: KD9STGSSG
  - Warehouse table name: KD9_STORAGE_SUBSYSTEM_GROUP_VIEW or KD9STGSSG
- Attribute group name: Storage Volume
  - Table name: KD9STORVOL
  - Warehouse table name: KD9_STORAGE_VOLUME or KD9STORVOL
- Attribute group name: Storage Volume Group View
  - Table name: KD9STORVLG
  - Warehouse table name: KD9_STORAGE_VOLUME_GROUP_VIEW or KD9STORVLG
- Attribute group name: Switch
  - Table name: KD9SWITCH
  - Warehouse table name: KD9_SWITCH
- Attribute group name: Switch Group View
  - Table name: KD9SWITCHG
  - Warehouse table name: KD9_SWITCH_GROUP_VIEW or KD9SWITCHG
- Attribute group name: System Asset Settings
  - Table name: KD9SASTSET
  - Warehouse table name: KD9_SYSTEM_ASSET_SETTINGS or KD9SASTSET
- Attribute group name: System Asset Settings Group View
  - Table name: KD9SYSASTG
  - Warehouse table name: KD9_SYSTEM_ASSET_SETTINGS_GROUP_VIEW or KD9SYSASTG
- Attribute group name: System Chassis
  - Table name: KD9SYSCHAS
  - Warehouse table name: KD9_SYSTEM_CHASSIS or KD9SYSCHAS
- Attribute group name: System Chassis Group View
  - Table name: KD9SYSCHSG
  - Warehouse table name: KD9_SYSTEM_CHASSIS_GROUP_VIEW or KD9SYSCHSG

- Attribute group name: System Groupings
  - Table name: KD9DSYSGRP
  - Warehouse table name: KD9_SYSTEM_GROUPINGS or KD9DSYSGRP
- Attribute group name: Thread Pool Status
  - Table name: KD9THPLST
  - Warehouse table name: KD9_THREAD_POOL_STATUS or KD9THPLST
- Attribute group name: Time Zone Settings
  - Table name: KD9TIMZNS
  - Warehouse table name: KD9_TIME_ZONE_SETTINGS or KD9TIMZNS
- Attribute group name: Time Zone Settings Group View
  - Table name: KD9TIMZNSG
  - Warehouse table name: KD9_TIME_ZONE_SETTINGS_GROUP_VIEW or KD9TIMZNSG
- Attribute group name: USB Controller
  - Table name: KD9USBCON
  - Warehouse table name: KD9_USB_CONTROLLER or KD9USBCON
- Attribute group name: USB Controller Group View
  - Table name: KD9USBCONG
  - Warehouse table name: KD9_USB_CONTROLLER_GROUP_VIEW or KD9USBCONG
- Attribute group name: Video Head
  - Table name: KD9VIDHEAD
  - Warehouse table name: KD9_VIDEO_HEAD or KD9VIDHEAD
- Attribute group name: Video Head Group View
  - Table name: KD9VIDHEDG
  - Warehouse table name: KD9_VIDEO_HEAD_GROUP_VIEW or KD9VIDHEDG

The remaining sections of this chapter contain descriptions of these attribute groups, which are listed alphabetically. The following information is provided for each attribute group:

Historical group
Whether the attribute group is a historical type that you can roll off to a data warehouse

Attribute descriptions
Description, type, and Warehouse name for each attribute in the attribute group

Some attributes are designated as key attributes. A key attribute is an attribute that is used in warehouse aggregation to identify rows of data that represent the same object.

All Director Endpoint Systems attribute group

This attribute includes all Systems Director managed endpoints.

Historical group

This attribute group is not part of the default historical group, and is not eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the All Director Endpoint Systems attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Subnode MSN attribute - This attribute is a key attribute.

Description
This is the Managed System Name of the subnode agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_MSN or SN_MSN

Subnode Affinity attribute

Description
This is the affinity for the subnode agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_AFFINITY or SN_AFFIN

Subnode Type attribute - This attribute is a key attribute.

Description
This is the Node Type of this subnode.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_TYPE or SN_TYPE

Subnode Resource Name attribute

Description
This is the Resource Name of the subnode agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_RESOURCE_NAME or SN_RES

Subnode Version attribute

Description
This is the Version of the subnode agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_VERSION or SN_VER

All Endpoint Events Raw attribute group

This view manages and filters event history from Systems Director. It is not intended for workspace usage or as indication of events to be monitored.

Historical group

This attribute group is not part of the default historical group, and is not eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the All Endpoint Events Raw attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The system name on which the event occurred.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Date and Time attribute

Description
The time and date the event was generated on the endpoint.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATE_AND_TIME or GENDATE

Event Text attribute

Description
Description of the event

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_TEXT or TEXT

Severity attribute

Description
Severity

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEVERITY or SEVERIT

Category attribute

Description
Event category.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CATEGORY or CAT

Component Category attribute

Description
Component category.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_CATEGORY or COMPCAT

Component Type attribute

Description
Component type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_TYPE or COMPTYP

Condition Value attribute

Description
The event condition

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_VALUE or COND

Condition Type attribute

Description
Condition type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_TYPE or CONDTYP

Sender Name attribute

Description
Sender

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SENDER_NAME or SENDER

Component Instance attribute - This attribute is a key attribute.

Description
For resource types with multiple occurrences on a single system, the instance identification, as in 'Fan 2'

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_INSTANCE or COMPINS

Event Id attribute

Description
Event identification number

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_ID or EVENTID

System Object Id attribute - This attribute is a key attribute.

Description
The object ID of this USMi resource

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

IPv4 Address attribute

Description
The Version 4 IP addresses of the system where the event originated

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV4_ADDRESS or IP4ADDR

IPv6 Address attribute

Description
The Version 6 IP addresses for this system where the event originated

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV6_ADDRESS or IPV6ADD

Object Identifier attribute - This attribute is a key attribute.

Description
The object ID of this USMi resource

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Name attribute - This attribute is a key attribute.

Description
The system name on which the event occurred.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

ResourceOID attribute

Description
A string representation of the object ID of this USMi resource

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RESOURCEOID or RESID

CompType attribute

Description
The internal component type, used for filtering

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPTYPE or CMPTYPI

Event Type attribute - This attribute is a key attribute.

Description
The type of event

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_TYPE or EVTTYPE

All Endpoints Event Console attribute group

This view reports event history. It is limited in scope to Systems Director base functionality. Since this view is historical, it should not be used for situations. Use the asynchronous, pure event Events attribute group instead.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the All Endpoints Event Console attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The system name on which the event occurred.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Date and Time attribute

Description
The time and date the event was generated on the endpoint.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATE_AND_TIME or GENDATE

Event Text attribute

Description
Description of the event

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_TEXT or TEXT

Severity attribute

Description
Severity

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEVERITY or SEVERIT

Category attribute

Description
Event category.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CATEGORY or CAT

Component Category attribute

Description
Component category.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_CATEGORY or COMPCAT

Component Type attribute

Description
Component type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_TYPE or COMPTYP

Condition Value attribute

Description
The event condition

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_VALUE or COND

Condition Type attribute

Description
Condition type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_TYPE or CONDTYP

Sender Name attribute

Description
Sender

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SENDER_NAME or SENDER

Component Instance attribute - This attribute is a key attribute.

Description
For resource types with multiple occurrences on a single system, the instance identification, as in 'Fan 2'

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_INSTANCE or COMPINS

Event Id attribute

Description
Event identification number

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_ID or EVENTID

System Object Id attribute - This attribute is a key attribute.

Description
The object ID of this USMi resource

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

IPv4 Address attribute

Description
The Version 4 IP addresses of the system where the event originated

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV4_ADDRESS or IP4ADDR

IPv6 Address attribute

Description
The Version 6 IP addresses for this system where the event originated

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV6_ADDRESS or IPV6ADD

Event Type attribute - This attribute is a key attribute.

Description
The type of event

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_TYPE or EVTTYPE

Object Identifier attribute - This attribute is a key attribute.

Description
The object ID of this USMi resource

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Name attribute - This attribute is a key attribute.

Description
The system name on which the event occurred.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

CompType attribute

Description
The internal component type, used for filtering

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPTYPE or CMPTYP

All Jobs attribute group

Reports the most recent activation of the jobs that are running or have run

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the All Jobs attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Name attribute - This attribute is a key attribute.

Description
The name of the job

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME

Description attribute

Description
The job description

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESC

Latest Run Status attribute

Description
The status of the latest running of the job

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LATEST_RUN_STATUS or STATUS

Percentage Complete attribute

Description
The percentage of completion of the latest job running

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PERCENTAGE_COMPLETE or PROG

Latest Run attribute

Description
The date and time of the latest running of the job

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LATEST_RUN or LASTRUN

Targets attribute

Description
The target systems or objects that were part of the job

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TARGETS

Next Run attribute

Description
When and if the job runs again

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NEXT_RUN or NEXTRUN

Job ID attribute - This attribute is a key attribute.

Description
The internal numerical identification of this job

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
JOB_ID or JOBID

Created By attribute

Description
The user that ran or scheduled the job

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CREATED_BY or CREATBY

All Managed Endpoints attribute group

Reports on all system types currently managed by this Director Server

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the All Managed Endpoints attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name by which this system is known

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Type attribute

Description
The system type

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_TYPE or OBJTYPE

Access State attribute

Description
Reports the access state of the system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Health State attribute

Description
Indicates the current health of the operating system, but not necessarily that of its subcomponents. The possible values are 0 to 30, where 5 means the processor is completely healthy and 30 means it is completely non-functional

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HELTHST

Operating State attribute

Description
Reports the operating state of the system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Communication State attribute

Description
Reports the communication state of the system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMMST

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Last Boot Up Time attribute

Description
The time when the operating system was last booted.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_BOOT_UP_TIME or LSTBTTM

OS Type attribute

Description
The type of operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS_TYPE or OSTYPE

OS Version attribute

Description
The operating system version number.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS_VERSION or OSVER

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

IPv4 Address attribute

Description
The Version 4 IP addresses for this system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV4_ADDRESS or IP4ADDR

IPv6 Address attribute

Description
The Version 6 IP addresses for this system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV6_ADDRESS or IPV6ADD

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Host Name attribute

Description
The host name of this system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HOST_NAME or HOSTNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Object Identifier attribute - This attribute is a key attribute.

Description
The object ID of this USMi resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Subnode Name attribute

Description
managed system subnode name.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object ID of this USMi resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Name attribute - This attribute is a key attribute.

Description
The name of this system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Virtual attribute

Description
Is this a virtual system type

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VIRTUAL or VIRT

Base Object Type attribute

Description
The object type

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BASE_OBJECT_TYPE or BOBJTYP

Blade Admin Server attribute group

Reports a computer system representing the module managing blades.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Blade Admin Server attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
The access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
The communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Blade Admin Server Group View attribute group

Reports a computer system representing the module managing blades.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Blade Admin Server Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
Reports the access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
Reports the communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
Reports the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
Reports the operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Cache Memory attribute group

Reports the capabilities and management of Cache Memory. Cache memory is dedicated or allocated RAM that a Processor searches first for data, before going to regular memory.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Cache Memory attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Block Size attribute

Description
The size (in bytes) of the blocks that form this storage extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BLOCK_SIZE or BLOKSIZ

Capacity attribute

Description
Reports the capacity of the extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY or CAPACTY

Consumable Blocks attribute

Description
The maximum number of blocks, of size BlockSize, that are available for consumption when layering storage extents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONSUMABLE_BLOCKS or CNSBLOK

Data Organization attribute

Description
The type of data organization used.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_ORGANIZATION or DATAORG

Data Redundancy attribute

Description
The number of complete copies of data currently maintained.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_REDUNDANCY or DTREDUN

Delta Reservation attribute

Description
The current value for delta reservation.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DELTA_RESERVATION or DELTARS

Free Space (GB) attribute

Description
The amount of storage that has not been allocated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_SPACE_GIGABYTES or FREESPC

Number of Blocks attribute

Description
The total number of logically contiguous blocks, of size BlockSize, that form this extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_BLOCKS or NUMBLOK

Package Redundancy attribute

Description
The number of physical packages that currently can fail without data loss.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_REDUNDANCY or PKGREDN

Sequential Access attribute

Description
Indicates whether the storage is sequentially accessed by a media access device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEQUENTIAL_ACCESS or SQNACC

Ending Address attribute

Description
The ending address, referenced by an application or operating system and mapped by a memory controller, for this memory object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENDING_ADDRESS or ENDADDR

Starting Address attribute

Description
The beginning address, referenced by an application or operating system and mapped by a memory controller, for this memory object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STARTING_ADDRESS or STADDR

Volatile attribute

Description
Indicates whether this memory is volatile.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VOLATILE or VOLATIL

Cache Type attribute

Description
Defines whether this cache type is for instruction caching, data caching, or both.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CACHE_TYPE or CACHTYP

Level attribute

Description
Defines whether this is the Primary, Secondary or Tertiary Cache.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LEVEL

Line Size attribute

Description
Size (in bytes) of a single cache bucket or line.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LINE_SIZE or LINESIZ

Read Policy attribute

Description
Policy that is employed by the Cache for handling read requests.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
READ_POLICY or RDPLCY

Write Policy attribute

Description
Policy that is employed by the Cache for handling write requests.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WRITE_POLICY or WRTPLCY

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Access Type attribute

Description
Indicates whether the media is readable, writeable, or both.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCESS

Is Compressed attribute

Description
Indicates whether the storage is compressed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_COMPRESSED or ISCOMP

Is Multi Path attribute

Description
Indicates whether the storage is a multipath unit.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_MULTI_PATH or ISMTLPT

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Cache Memory Group View attribute group

Reports the capabilities and management of cache memory. Cache memory is dedicated or allocated RAM that a processor searches first for data, before going to regular memory.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Cache Memory Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Block Size attribute

Description
The size (in bytes) of the blocks, that form this storage extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BLOCK_SIZE or BLOKSIZ

Capacity attribute

Description
Reports the capacity of the extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY or CAPACTY

Consumable Blocks attribute

Description
The maximum number of blocks, of size BlockSize, that are available for consumption when layering storage extents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONSUMABLE_BLOCKS or CNSBLOK

Data Organization attribute

Description
The type of data organization used.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_ORGANIZATION or DATAORG

Data Redundancy attribute

Description
The number of complete copies of data currently maintained.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_REDUNDANCY or DTREDUN

Delta Reservation attribute

Description
The current value for delta reservation.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DELTA_RESERVATION or DELTARS

Free Space (GB) attribute

Description
The amount of storage that has not been allocated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_SPACE_GIGABYTES or FREESPC

Number of Blocks attribute

Description
The total number of logically contiguous blocks, of size BlockSize, that form this extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_BLOCKS or NUMBLOK

Package Redundancy attribute

Description
The number of physical packages that currently can fail without data loss.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_REDUNDANCY or PKGREDN

Sequential Access attribute

Description
Indicates whether the storage is sequentially accessed by a media access device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEQUENTIAL_ACCESS or SQNACC

Ending Address attribute

Description
The ending address, referenced by an application or operating system and mapped by a memory controller, for this memory object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENDING_ADDRESS or ENDADDR

Starting Address attribute

Description
The beginning address, referenced by an application or operating system and mapped by a memory controller, for this memory object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STARTING_ADDRESS or STADDR

Volatile attribute

Description
Indicates whether this memory is volatile.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VOLATILE or VOLATIL

Cache Type attribute

Description
Defines whether this cache type is for instruction caching, data caching, or both.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CACHE_TYPE or CACHTYP

Level attribute

Description
Defines whether this is the Primary, Secondary or Tertiary Cache.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LEVEL

Line Size attribute

Description
Size (in bytes) of a single cache bucket or line.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LINE_SIZE or LINESIZ

Read Policy attribute

Description
Policy that is employed by the Cache for handling read requests.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
READ_POLICY or RDPLCY

Write Policy attribute

Description
Policy that is employed by the Cache for handling write requests.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WRITE_POLICY or WRTPLCY

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Access Type attribute

Description
Indicates whether the media is readable, writeable or both.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCESS

Is Compressed attribute

Description
Indicates whether the storage is compressed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_COMPRESSED or ISCOMP

Is Multi Path attribute

Description
Indicates whether the storage is a multipath unit.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_MULTI_PATH or ISMTLPT

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Card attribute group

Reports a physical container that can be plugged into another card or hosting board, or is itself a hosting board in a chassis. The card class includes any package capable of carrying signals and providing a mounting point for physical components

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Card attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this card was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the card.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the card.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the card.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Package GUID attribute

Description
A globally unique identifier (GUID) for the package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_GUID or PAKGUID

Package Type attribute

Description
The type of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_TYPE or PKGTYP

Removal Conditions attribute

Description
The removal conditions property describes the guidelines under which a physical package can be removed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVAL_CONDITIONS or REMCOND

Width attribute

Description
The total width of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WIDTH

Hosting Board attribute

Description
Indicates whether it is a card or, more generically, a system board slot that accepts the card.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HOSTING_BOARD or HSTBORD

Requires Auxiliary Card attribute

Description
Indicates whether at least one plug-in adapter or auxiliary card is required to function correctly.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REQUIRES_AUXILIARY_CARD or RAUXCOR

Slot Layout attribute

Description
The slot positioning, typical usage, restrictions, individual slot spacings or any other relevant information for the slots on a card.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SLOT_LAYOUT or SLOTLAY

Special Requirements attribute

Description
Indicates whether the card is physically unique from other cards of the same type and requires a special slot.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SPECIAL_REQUIREMENTS or SPECREQ

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Card Group View attribute group

Reports a physical container that can be plugged into another card or hosting board, or is itself a hosting board in a chassis. The card class includes any package capable of carrying signals and providing a mounting point for physical components.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Card Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date this card was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the card.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the card.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the card.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Package GUID attribute

Description
A globally unique identifier (GUID) for the package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_GUID or PAKGUID

Package Type attribute

Description
The physical package type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_TYPE or PKGTYP

Removal Conditions attribute

Description
The removal conditions property describes the guidelines under which a physical package can be removed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVAL_CONDITIONS or REMCOND

Width attribute

Description
The total width of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WIDTH

Hosting Board attribute

Description
Indicates whether it is a card or, more generically, a system board slot that accepts the card.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HOSTING_BOARD or HSTBORD

Requires Auxiliary Card attribute

Description
Indicates whether at least one plug-in adapter or auxiliary card is required to function correctly.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REQUIRES_AUXILIARY_CARD or RAUXCOR

Slot Layout attribute

Description
The slot positioning, typical usage, restrictions, individual slot spacings or any other relevant information for the slots on a card.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SLOT_LAYOUT or SLOTLAY

Special Requirements attribute

Description
Indicates whether the card is physically unique from other cards of the same type and requires a special slot.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SPECIAL_REQUIREMENTS or SPECREQ

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Chassis attribute group

The physical resources that enclose other resources and provide definable functionality, such as a desktop, processing node, UPS, disk or tape storage, or a combination of these.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Chassis attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Package GUID attribute

Description
A globally unique identifier (GUID) for the package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_GUID or PAKGUID

Package Type attribute

Description
The type of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_TYPE or PKGTYP

Removal Conditions attribute

Description
The removal conditions property describes the guidelines under which a physical package can be removed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVAL_CONDITIONS or REMCOND

Width attribute

Description
The total width of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WIDTH

Audible Alarm attribute

Description
Indicates whether the frame is equipped with an audible alarm.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUDIBLE_ALARM or AUDALRM

Physical Frame is Locked attribute

Description
Indicates whether the frame is locked.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PHYSICAL_FRAME_IS_LOCKED or FRAMLOK

Lock Present attribute

Description
Indicates whether the frame is protected with a lock.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCK_PRESENT or LOKPRES

Security Breach attribute

Description
An enumerated, integer-valued property indicating whether a physical breach of the frame was attempted but unsuccessful (value=4), or attempted and successful (value=5).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SECURITY_BREACH or SECBREC

Service Philosophy attribute

Description
An enumerated array that indicates whether the frame is serviced from the top (value=2), front (3), back (4) or side (5); whether it has sliding trays (6) or removable sides (7); and whether the frame is moveable (8), for example, has rollers.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERVICE_PHILOSOPHY or SEVPHIL

Visible Alarm attribute

Description
Indicates whether the equipment includes a visible alarm.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VISIBLE_ALARM or VISALRM

Chassis Form Type attribute

Description
The physical form factor for the type of chassis.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHASSIS_FORM_TYPE or CFRMTYP

Heat Generation (BTU/hr) attribute

Description
Amount of heat generated by the chassis, in BTU/hour.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEAT_GENERATION_BTUS_PER_HOUR or HEATGEN

Input Voltage (mv) attribute

Description
The input voltage, in millivolts, required by the chassis.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INPUT_VOLTAGE_MILLIVOLTS or INVOLT

Power Cord Count attribute

Description
The number of power cords that must be connected to the chassis, for all the componentry to operate.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
POWER_CORD_COUNT or PWRCORD

Rack Mountable attribute

Description
Indicates whether the chassis is rack mountable.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RACK_MOUNTABLE or RACKMNT

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Input Current® Type attribute

Description
Indicates whether the input voltage required by the package in the slot is AC or DC.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INPUT_CURRENT_TYPE or INCRTYP

Chassis Group View attribute group

Reports the physical resources that enclose other resources and provide definable functionality, such as a desktop, a processing node, a UPS, disk or tape storage, or a combination of these.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Chassis Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Package GUID attribute

Description
A globally unique identifier (GUID) for the package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_GUID or PAKGUID

Package Type attribute

Description
The type of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_TYPE or PKGTYP

Removal Conditions attribute

Description
The removal conditions property describes the guidelines under which a physical package can be removed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVAL_CONDITIONS or REMCOND

Width attribute

Description
The total width of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WIDTH

Audible Alarm attribute

Description
Indicates whether the frame is equipped with an audible alarm.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUDIBLE_ALARM or AUDALRM

Physical Frame is Locked attribute

Description
Indicates whether the frame is locked.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PHYSICAL_FRAME_IS_LOCKED or FRAMLOK

Lock Present attribute

Description
Indicates whether the frame is protected with a lock.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCK_PRESENT or LOKPRES

Security Breach attribute

Description
An enumerated, integer-valued property indicating whether a physical breach of the frame was attempted but unsuccessful (value=4), or attempted and successful (value=5).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SECURITY_BREACH or SECBREC

Service Philosophy attribute

Description
An enumerated array that indicates whether the frame is serviced from the top (value=2), front (3), back (4) or side (5); whether it has sliding trays (6) or removable sides (7); and whether the frame is moveable (8), for example, has rollers.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERVICE_PHILOSOPHY or SEVPHIL

Visible Alarm attribute

Description
Indicates whether the equipment includes a visible alarm.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VISIBLE_ALARM or VISALRM

Chassis Form Type attribute

Description
The physical form factor for the type of chassis.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHASSIS_FORM_TYPE or CFRMTYP

Heat Generation (BTU/hr) attribute

Description
Amount of heat generated by the chassis, in BTU/hour.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEAT_GENERATION_BTUS_PER_HOUR or HEATGEN

Input Voltage (mv) attribute

Description
The input voltage, in millivolts, required by the chassis.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INPUT_VOLTAGE_MILLIVOLTS or INVOLT

Power Cord Count attribute

Description
The number of power cords that must be connected to the chassis, for all the componentry to operate.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
POWER_CORD_COUNT or PWRCORD

Rack Mountable attribute

Description
Indicates whether the chassis is rack mountable.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RACK_MOUNTABLE or RACKMNT

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Input Current Type attribute

Description
Indicates whether the input voltage required by the package in the slot is AC or DC.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INPUT_CURRENT_TYPE or INCRTYP

Chip attribute group

Reports any type of integrated circuit hardware, including ASICs, processors, and memory chips.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Chip attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Removal Conditions attribute

Description
The removal conditions property describes the guidelines under which a physical component can be removed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVAL_CONDITIONS or REMCOND

Form Factor attribute

Description
The implementation form factor for the chip.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FORM_FACTOR or FRMFCTR

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Chip Group View attribute group

Reports any type of integrated circuit hardware, including ASICs, processors, and memory chips.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Chip Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Removal Conditions attribute

Description
The removal conditions property describes the guidelines under which a physical component can be removed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVAL_CONDITIONS or REMCOND

Form Factor attribute

Description
The implementation form factor for the chip.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FORM_FACTOR or FRMFCTR

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Discovery Jobs attribute group

Reports on the progress and status of system discovery activites

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Discovery Jobs attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Systems attribute - This attribute is a key attribute.

Description
The target systems for this discovery process.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEMS

Status attribute

Description
The status of this discovery.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STATUS

Percentage Complete attribute

Description
The percent completion of the discovery.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PERCENTAGE_COMPLETE or PROG

Latest Update attribute

Description
The date and time of the latest update to this discovery.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LATEST_UPDATE or LASTUPD

Resource Types attribute

Description
The types of resources discovered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RESOURCE_TYPES or RESTYPE

Discovery Id attribute - This attribute is a key attribute.

Description
The identification of this discovery.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DISCOVERY_ID or DISCID

Disk Drive attribute group

Reports the capabilities and managment of a disk drive, a subtype of media access device.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Disk Drive attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this drive was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Capacity attribute

Description
The capacity of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY or CAPACTY

Default Block Size attribute

Description
Default block size (in bytes) for this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEFAULT_BLOCK_SIZE or DBLOKSZ

Device Type attribute

Description
The type of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_TYPE or DEVTYP

Load Time attribute

Description
The time, in milliseconds, that elapses from load to being able to read or write a media.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOAD_TIME or LOADTIM

Maximum Access Time (ms) attribute

Description
The time, in milliseconds, that elapses to move from the first location on the media to the location that is furthest with respect to time.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_ACCESS_TIME_MILLISECONDS or MAXACTM

Maximum Block Size (bytes) attribute

Description
The maximum block size (in bytes) for media accessed by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_BLOCK_SIZE_BYTES or MAXBLKS

Maximum Media Size (KB) attribute

Description
The maximum size (in KB) of media supported by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_MEDIA_SIZE_KILOBYTES or MAXMEDS

Media is Locked attribute

Description
Indicates whether the media is locked in the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEDIA_IS_LOCKED or MEDIALK

Media Loaded attribute

Description
Represents whether the media is currently loaded into the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEDIA_LOADED or MEDLOAD

Minimum Block Size (bytes) attribute

Description
The minimum block size (in bytes) for media accessed by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MINIMUM_BLOCK_SIZE_BYTES or MINBLKS

Mount Count attribute

Description
For a media access device that supports removable media, the number of times that media has been mounted for data transfer or to clean the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MOUNT_COUNT or MCOUNT

Device Needs Cleaning attribute

Description
Indicates whether the media access device requires cleaning.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_NEEDS_CLEANING or NEEDCLN

Removable Media attribute

Description
Represents whether it is possible for the media to be removed from the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVABLE_MEDIA or RMVMED

Time of Last Mount attribute

Description
For a media access device that supports removable media, the most recent date and time that media was mounted on the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_MOUNT or TIMMNT

Total Mount Time attribute

Description
For a media access device that supports removable media, the total time (in seconds) that the media has been mounted for data transfer or to clean the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_MOUNT_TIME or TOTMNT

Unload Time (ms) attribute

Description
The time, in milliseconds, that elapses from being able to read or write a media to its unload.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
UNLOAD_TIME_MILLISECONDS or UNLTIME

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Unit Number attribute

Description
Uniquely identifies each non-mirrored unit or mirrored pair among the configured units.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
UNIT_NUMBER or UNITNUM

Sample Count attribute

Description
The number of times the disk queue was checked to determine whether the queue is empty.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SAMPLE_COUNT or SAMPLCT

Not Busy Count attribute

Description
The number of times the disk queue was empty during the same time period that the sample count was taken.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NOT_BUSY_COUNT or NTBSYCT

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Disk Drive Group View attribute group

Reports the capabilities and managment of a disk drive, a subtype of media access device.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Disk Drive Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this drive was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Capacity attribute

Description
Reports the capacity of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY or CAPACTY

Default Block Size attribute

Description
Default block size (in bytes) for this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEFAULT_BLOCK_SIZE or DBLOKSZ

Device Type attribute

Description
Reports the type of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_TYPE or DEVTYP

Load Time attribute

Description
The time, in milliseconds, that elapses from load to being able to read or write a media.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOAD_TIME or LOADTIM

Maximum Access Time (ms) attribute

Description
The time, in milliseconds, that elapses to move from the first location on the media to the location that is furthest with respect to time.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_ACCESS_TIME_MILLISECONDS or MAXACTM

Maximum Block Size (bytes) attribute

Description
The maximum block size (in bytes) for media accessed by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_BLOCK_SIZE_BYTES or MAXBLKS

Maximum Media Size (KB) attribute

Description
The maximum size (in KB) of media supported by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_MEDIA_SIZE_KILOBYTES or MAXMEDS

Media is Locked attribute

Description
Indicates whether the media is locked in the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEDIA_IS_LOCKED or MEDIALK

Media Loaded attribute

Description
Represents whether the media is currently loaded into the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEDIA_LOADED or MEDLOAD

Minimum Block Size (bytes) attribute

Description
The minimum block size (in bytes) for media accessed by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MINIMUM_BLOCK_SIZE_BYTES or MINBLKS

Mount Count attribute

Description
For a media access device that supports removable media, the number of times that media has been mounted for data transfer or to clean the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MOUNT_COUNT or MCOUNT

Device Needs Cleaning attribute

Description
Indicates whether the media access device requires cleaning.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_NEEDS_CLEANING or NEEDCLN

Removable Media attribute

Description
Represents whether it is possible for the media to be removed from the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVABLE_MEDIA or RMVMED

Time of Last Mount attribute

Description
For a media access device that supports removable media, the most recent date and time that media was mounted on the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_MOUNT or TIMMNT

Total Mount Time attribute

Description
For a media access device that supports removable media, the total time (in seconds) that the media has been mounted for data transfer or to clean the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_MOUNT_TIME or TOTMNT

Unload Time (ms) attribute

Description
The time, in milliseconds, that elapses from being able to read or write a media to its unload.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
UNLOAD_TIME_MILLISECONDS or UNLTIME

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Unit Number attribute

Description
Uniquely identifies each non-mirrored unit or mirrored pair among the configured units.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
UNIT_NUMBER or UNITNUM

Sample Count attribute

Description
The number of times the disk queue was checked to determine whether the queue is empty.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SAMPLE_COUNT or SAMPLCT

Not Busy Count attribute

Description
The number of times the disk queue was empty during the same time period that the sample count was taken.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NOT_BUSY_COUNT or NTBSYCT

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Disk Partition attribute group

Reports MBR (Master Boot Record) style partitions used in X86 operating systems such as Windows and Linux.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Disk Partition attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this partition was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the partition.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the partition.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the partition.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this partition.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Block Size (Bytes) attribute

Description
The size (in bytes) of the blocks that form this storage extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BLOCK_SIZE_BYTES or BLOKSIZ

Capacity (GB) attribute

Description
Reports the capacity of the extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_GIGABYTES or CAPACTY

Consumable Blocks attribute

Description
The maximum number of blocks, of size BlockSize, that are available for consumption when layering storage extents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONSUMABLE_BLOCKS or CNSBLOK

Data Organization attribute

Description
The type of data organization used.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_ORGANIZATION or DATAORG

Data Redundancy attribute

Description
The number of complete copies of data currently maintained.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_REDUNDANCY or DTREDUN

Delta Reservation attribute

Description
The current value for delta reservation.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DELTA_RESERVATION or DELTARS

Free Space (GB) attribute

Description
The amount of storage that has not been allocated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_SPACE_GIGABYTES or FREESPC

Number of Blocks attribute

Description
The total number of logically contiguous blocks, of size BlockSize, that form this extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_BLOCKS or NUMBLOK

Package Redundancy attribute

Description
The number of physical packages that currently can fail without data loss.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_REDUNDANCY or PKGREDN

Sequential Access attribute

Description
Indicates whether the storage is sequentially accessed by a media access device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEQUENTIAL_ACCESS or SQNACC

Bootable attribute

Description
A Boolean value indicating whether the partition is able to boot to an operating system, if installed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BOOTABLE or BOOTABL

Partition Subtype attribute

Description
The subtype of a primary, extended, or logical partition.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PARTITION_SUBTYPE or PARTSUB

Partition Type attribute

Description
The type of partition.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PARTITION_TYPE or PARTTYP

Primary Partition attribute

Description
Indicates whether the disk partition is labeled as the primary partition for a computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_PARTITION or PRMPART

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Access Type attribute

Description
Indicates whether the media is readable, writeable, or both.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCESS

Is Compressed attribute

Description
Indicates whether the storage is compressed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_COMPRESSED or ISCOMP

Is Multi Path attribute

Description
Indicates whether the storage is a multipath unit.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_MULTI_PATH or ISMTLPT

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Disk Partition Group View attribute group

Reports MBR (Master Boot Record) style partitions used in X86 operating systems such as Windows and Linux.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Disk Partition Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Description attribute

Description
A textual description of the partition.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the partition.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the partition.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this partition.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Block Size (Bytes) attribute

Description
The size (in bytes) of the blocks that form this storage extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BLOCK_SIZE_BYTES or BLOKSIZ

Capacity (GB) attribute

Description
Reports the capacity of the extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_GIGABYTES or CAPACTY

Consumable Blocks attribute

Description
The maximum number of blocks, of size BlockSize, that are available for consumption when layering storage extents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONSUMABLE_BLOCKS or CNSBLOK

Data Organization attribute

Description
The type of data organization used.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_ORGANIZATION or DATAORG

Data Redundancy attribute

Description
The number of complete copies of data currently maintained.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_REDUNDANCY or DTREDUN

Delta Reservation attribute

Description
The current value for delta reservation.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DELTA_RESERVATION or DELTARS

Free Space (GB) attribute

Description
The amount of storage that has not been allocated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_SPACE_GIGABYTES or FREESPC

Number of Blocks attribute

Description
The total number of logically contiguous blocks, of size BlockSize, that form this extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_BLOCKS or NUMBLOK

Package Redundancy attribute

Description
The number of physical packages that currently can fail without data loss.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_REDUNDANCY or PKGREDN

Sequential Access attribute

Description
Indicates whether the storage is sequentially accessed by a media access device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEQUENTIAL_ACCESS or SQNACC

Bootable attribute

Description
A Boolean value indicating whether the partition is able to boot to an operating system, if installed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BOOTABLE or BOOTABL

Partition Subtype attribute

Description
The subtype of a primary, extended, or logical partition.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PARTITION_SUBTYPE or PARTSUB

Partition Type attribute

Description
The type of partition.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PARTITION_TYPE or PARTTYP

Primary Partition attribute

Description
Indicates whether the disk partition is labeled as the primary partition for a computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_PARTITION or PRMPART

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Changed Date attribute

Description
The date that this partition was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Access Type attribute

Description
Indicates whether the media is readable, writeable or both.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCESS

Is Compressed attribute

Description
Indicates whether the storage is compressed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_COMPRESSED or ISCOMP

Is Multi Path attribute

Description
Indicates whether the storage is a multipath unit.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_MULTI_PATH or ISMTLPT

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Diskette Drive attribute group

Reports the capabilities and managment of a diskette drive, a subtype of media access device.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Diskette Drive attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
Description of the diskette drive

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the diskette drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
The current health of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Capacity (GB) attribute

Description
Reports the capacity of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_GIGABYTES or CAPACTY

Default Block Size (Bytes) attribute

Description
Default block size (in bytes) for this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEFAULT_BLOCK_SIZE_BYTES or DBLOKSZ

Device Type attribute

Description
Reports the type of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_TYPE or DEVTYP

Load Time (ms) attribute

Description
The time, in milliseconds, that elapses from load to being able to read or write a media.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOAD_TIME_MILLISECONDS or LOADTIM

Maximum Access Time attribute

Description
The time, in milliseconds, that elapses to move from the first location on the media to the location that is furthest with respect to time.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_ACCESS_TIME or MAXACTM

Maximum Block Size attribute

Description
The maximum block size (in bytes) for media accessed by this drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_BLOCK_SIZE or MAXBLKS

Maximum Media Size attribute

Description
The maximum size (in KB) of media supported by this drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_MEDIA_SIZE or MAXMEDS

Media is Locked attribute

Description
Indicates whether the media is locked in the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEDIA_IS_LOCKED or MEDIALK

Media Loaded attribute

Description
Represents whether the media is currently loaded into the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEDIA_LOADED or MEDLOAD

Minimum Block Size (Bytes) attribute

Description
The minimum block size (in bytes) for media accessed by this drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MINIMUM_BLOCK_SIZE_BYTES or MINBLKS

Mount Count attribute

Description
For a media access device that supports removable media, the number of times that media has been mounted for data transfer or to clean the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MOUNT_COUNT or MCOUNT

Device Needs Cleaning attribute

Description
Indicates whether the media access device requires cleaning.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_NEEDS_CLEANING or NEEDCLN

Removable Media attribute

Description
Represents whether it is possible for the media to be removed from the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVABLE_MEDIA or RMVMED

Time of Last Mount attribute

Description
The most recent date and time that media was mounted on the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_MOUNT or TIMMNT

Total Mount Time (s) attribute

Description
The total time (in seconds) that the media has been mounted for data transfer or to clean the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_MOUNT_TIME_SECONDS or TOTMNT

Unload Time (ms) attribute

Description
The time, in milliseconds, that elapses from being able to read or write a media to its unload.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
UNLOAD_TIME_MILLISECONDS or UNLTIME

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Diskette Drive Group View attribute group

Reports the capabilities and managment of a diskette drive, a subtype of media access device.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Diskette Drive Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
Description of the diskette drive

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the diskette drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Capacity (GB) attribute

Description
Reports the capacity of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_GIGABYTES or CAPACTY

Default Block Size (Bytes) attribute

Description
Default block size (in bytes) for this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEFAULT_BLOCK_SIZE_BYTES or DBLOKSZ

Device Type attribute

Description
Reports the type of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_TYPE or DEVTYP

Load Time (ms) attribute

Description
The time, in milliseconds, that elapses from load to being able to read or write a media.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOAD_TIME_MILLISECONDS or LOADTIM

Maximum Access Time attribute

Description
The time, in milliseconds, that elapses to move from the first location on the media to the location that is furthest with respect to time.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_ACCESS_TIME or MAXACTM

Maximum Block Size attribute

Description
The maximum block size (in bytes) for media accessed by this drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_BLOCK_SIZE or MAXBLKS

Maximum Media Size attribute

Description
The maximum size (in KB) of media supported by this drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_MEDIA_SIZE or MAXMEDS

Media is Locked attribute

Description
Indicates whether the media is locked in the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEDIA_IS_LOCKED or MEDIALK

Media Loaded attribute

Description
Represents whether the media is currently loaded into the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEDIA_LOADED or MEDLOAD

Minimum Block Size (Bytes) attribute

Description
The minimum block size (in bytes) for media accessed by this drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MINIMUM_BLOCK_SIZE_BYTES or MINBLKS

Mount Count attribute

Description
For a media access device that supports removable media, the number of times that media has been mounted for data transfer or to clean the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MOUNT_COUNT or MCOUNT

Device Needs Cleaning attribute

Description
Indicates whether the media access device requires cleaning.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_NEEDS_CLEANING or NEEDCLN

Removable Media attribute

Description
Represents whether it is possible for the media to be removed from the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVABLE_MEDIA or RMVMED

Time of Last Mount attribute

Description
The most recent date and time that media was mounted on the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_MOUNT or TIMMNT

Total Mount Time (s) attribute

Description
The total time (in seconds) that the media has been mounted for data transfer or to clean the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_MOUNT_TIME_SECONDS or TOTMNT

Unload Time (ms) attribute

Description
The time, in milliseconds, that elapses from being able to read or write a media to its unload.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
UNLOAD_TIME_MILLISECONDS or UNLTIME

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Display Controller attribute group

Reports the capabilities of a display controller.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Display Controller attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the device.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Maximum Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_NUMBER_CONTROLLED or MAXNCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PROTOSUP

Time of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

Maximum Memory Supported (bytes) attribute

Description
The maximum amount of memory supported (in bytes).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_MEMORY_SUPPORTED_BYTES or MAXMEM

Number of Video Pages attribute

Description
The number of video pages supported given the current resolutions and available memory.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_VIDEO_PAGES or VIDPAGE

Video Memory Type attribute

Description
One of the following integers: 0-unknown, 1-other, 2-VRAM, 3-DRAM, 4-SRAM, 5-WRAM, 6-EDO RAM, 7-Burst Synchronous DRAM, 8-Pipelined Burst SRAM, 9-CDRAM, 10-3DRAM, 11-SDRAM, 12-SGRAM.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VIDEO_MEMORY_TYPE or VIDMEM

Time Last Metered attribute

Description
The time when the controller was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMT

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Display Controller Group View attribute group

Reports the capabilities of a display controller.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Display Controller Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Maximum Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_NUMBER_CONTROLLED or MAXNCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PROTOSUP

Time of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

Maximum Memory Supported (bytes) attribute

Description
The maximum amount of memory supported, in bytes.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_MEMORY_SUPPORTED_BYTES or MAXMEM

Number of Video Pages attribute

Description
The number of video pages supported given the current resolutions and available memory.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_VIDEO_PAGES or VIDPAGE

Video Memory Type attribute

Description
One of the following integers: 0-unknown, 1-other, 2-VRAM, 3-DRAM, 4-SRAM, 5-WRAM, 6-EDO RAM, 7-Burst Synchronous DRAM, 8-Pipelined Burst SRAM, 9-CDRAM, 10-3DRAM, 11-SDRAM, 12-SGRAM.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VIDEO_MEMORY_TYPE or VIDMEM

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Time Last Metered attribute

Description
The time when the controller was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMT

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

DNS Protocol Endpoint attribute group

Class derived from protocol resource that represents the DNS client and DNS configuration for a single IP resource.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the DNS Protocol Endpoint attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the protocol resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Append Parent Suffixes attribute

Description
Indicates whether the client appends the parent domain suffix to target names before attempting to resolve.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
APPEND_PARENT_SUFFIXES or APPNPSF

Append Primary Suffixes attribute

Description
Indicates whether the client appends the primary domain suffix to target names before attempting to resolve.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
APPEND_PRIMARY_SUFFIXES or APPNPRS

DNS Suffixes to Append attribute

Description
The DNS suffixes to append when attempting to resolve a host name.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DNS_SUFFIXES_TO_APPEND or DNSSTBA

Domain Name attribute

Description
The domain to use for this client connection.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DOMAIN_NAME or DOMNAME

Host Name attribute

Description
The host name in use for this client connection.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HOST_NAME or HOSTNAM

Register Address in DNS attribute

Description
Indicates whether the client attempted to register this connection address in DNS.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REGISTER_ADDRESS_IN_DNS or REGADDR

Use Suffix When Registering attribute

Description
Indicates whether the suffix is appended before registering the client name with the DNS server.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USE_SUFFIX_WHEN_REGISTERING or USUFREG

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Auto Start attribute

Description
Indicates whether the protocol endpoint is automatically started.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTO_START or AUTOSTR

Last Updated Date attribute

Description
The time of the most recent change to the configuration for this protocol endpoint.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_UPDATED_DATE or LSCFGUD

DNS Protocol Endpoint Group View attribute group

Class derived from protocol resource that represents the DNS client and DNS configuration for a single IP resource.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the DNS Protocol Endpoint Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the protocol resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Append Parent Suffixes attribute

Description
Indicates whether the client appends the parent domain suffix to target names before attempting to resolve.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
APPEND_PARENT_SUFFIXES or APPNPSF

Append Primary Suffixes attribute

Description
Indicates whether the client appends the primary domain suffix to target names before attempting to resolve.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
APPEND_PRIMARY_SUFFIXES or APPNPRS

DNS Suffixes to Append attribute

Description
The DNS suffixes to append when attempting to resolve a host name.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DNS_SUFFIXES_TO_APPEND or DNSSTBA

Domain Name attribute

Description
The domain to use for this client connection.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DOMAIN_NAME or DOMNAME

Host Name attribute

Description
The host name in use for this client connection.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HOST_NAME or HOSTNAM

Register Address in DNS attribute

Description
Indicates whether the client attempted to register this connection address in DNS.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REGISTER_ADDRESS_IN_DNS or REGADDR

Use Suffix When Registering attribute

Description
Indicates whether the suffix is appended before registering the client name with the DNS server.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USE_SUFFIX_WHEN_REGISTERING or USUFREG

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Auto Start attribute

Description
Indicates whether the protocol endpoint is automatically started.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTO_START or AUTOSTR

Last Updated Date attribute

Description
The time of the most recent change to the configuration for this protocol endpoint.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_UPDATED_DATE or LSCFGUD

DNS Settings attribute group

The DNS configuration settings for a single IP network connection.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the DNS Settings attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

DNS Domain Suffixes attribute

Description
The array of DNS domain suffix search names.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DNS_DOMAIN_SUFFIXES or DNSDSUF

DNS Server Addresses attribute

Description
The DNS servers to contact.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DNS_SERVER_ADDRESSES or DNSSADD

Domain Name attribute

Description
The domain to use for this client connection.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DOMAIN_NAME or DOMNAME

Register Address in DNS attribute

Description
Indicates whether to register this connection address in DNS.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REGISTER_ADDRESS_IN_DNS or REGADDR

Requested Hostname attribute

Description
The host name requested for this client connection.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REQUESTED_HOSTNAME or REQHOST

Use Suffix When Registering attribute

Description
Indicates whether the suffix is appended before registering the client name with the DNS server.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USE_SUFFIX_WHEN_REGISTERING or USUFREG

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

DNS Protocol attribute

Description
The TCP/IP protocol used to communicate with the DNS server or servers specified in the IP address attribute.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DNS_PROTOCOL or DNSPRTC

Search Local First attribute

Description
If True, searches the DNS server first to resolve a TCP/IP host name conflict. Otherwise, searches the local TCP/IP host table first.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEARCH_LOCAL_FIRST or LCLFRST

Name Lookup Policy attribute

Description
Specifies how the initial DNS server is chosen when doing a name lookup.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME_LOOKUP_POLICY or LKUPPCY

Retry Attempts attribute

Description
The number of additional attempts made to establish communication with each DNS server in the event the first attempt fails.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RETRY_ATTEMPTS or RETRYCT

Retry Interval attribute

Description
The length of time in seconds this system waits before initiating a retry attempt to connect to a DNS server.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RETRY_INTERVAL or RETRYIN

DNS Listening Port attribute

Description
The remote TCP/IP port number used to contact the DNS server or servers listed in the IP address attribute.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DNS_LISTENING_PORT or LSNPORT

DNS Settings Group View attribute group

Reports the DNS configuration settings for a single IP network connection.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the DNS Settings Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

DNS Domain Suffixes attribute

Description
The array of DNS domain suffix search names.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DNS_DOMAIN_SUFFIXES or DNSDSUF

DNS Server Addresses attribute

Description
The DNS servers to contact.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DNS_SERVER_ADDRESSES or DNSSADD

Domain Name attribute

Description
The domain to use for this client connection.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DOMAIN_NAME or DOMNAME

Register Address in DNS attribute

Description
Indicates whether to register this connection address in DNS.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REGISTER_ADDRESS_IN_DNS or REGADDR

Requested Hostname attribute

Description
The host name requested for this client connection.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REQUESTED_HOSTNAME or REQHOST

Use Suffix When Registering attribute

Description
Indicates whether the suffix is appended before registering the client name with the DNS server.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USE_SUFFIX_WHEN_REGISTERING or USUFREG

Subnode Name attribute

Description
managed system subnode name.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

DNS Protocol attribute

Description
The TCP/IP protocol used to communicate with the DNS server or servers specified in the IP address attribute.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DNS_PROTOCOL or DNSPRTC

Search Local First attribute

Description
If True, searches the DNS server first to resolve a TCP/IP host name conflict. Otherwise searches the local TCP/IP host table first.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEARCH_LOCAL_FIRST or LCLFRST

Name Lookup Policy attribute

Description
Specifies how the initial DNS server is chosen when doing a name lookup.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME_LOOKUP_POLICY or LKUPPCY

Retry Attempts attribute

Description
The number of additional attempts made to establish communication with each DNS server in the event the first attempt fails.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RETRY_ATTEMPTS or RETRYCT

Retry Interval attribute

Description
The length of time in seconds this system waits before initiating a retry attempt to connect to a DNS server.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RETRY_INTERVAL or RETRYIN

DNS Listening Port attribute

Description
The remote TCP/IP port number used to contact the DNS server or servers listed in the IP address attribute.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DNS_LISTENING_PORT or LSNPORT

Endpoint System attribute group

Reports on all system types currently managed by this Director Server

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Endpoint System attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name by which this system is known

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Type attribute

Description
The system type

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_TYPE or OBJTYPE

Access State attribute

Description
Reports the access state of the system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Health State attribute

Description
Indicates the current health of the operating system, but not necessarily that of its subcomponents. The possible values are 0 to 30, where 5 means the processor is completely healthy and 30 means it is completely non-functional

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HELTHST

Operating State attribute

Description
Reports the operating state of the system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Communication State attribute

Description
Reports the communication state of the system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMMST

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Last Boot Up Time attribute

Description
The time when the operating system was last booted.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_BOOT_UP_TIME or LSTBTTM

OS Type attribute

Description
The type of operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS_TYPE or OSTYPE

OS Version attribute

Description
The operating system version number.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS_VERSION or OSVER

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

IPv4 Address attribute

Description
The Version 4 IP addresses for this system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV4_ADDRESS or IP4ADDR

IPv6 Address attribute

Description
The Version 6 IP addresses for this system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV6_ADDRESS or IPV6ADD

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Host Name attribute

Description
The host name of this system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HOST_NAME or HOSTNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

System Object Id attribute - This attribute is a key attribute.

Description
The object ID of this USMi resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
The name of the managed system subnode.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Object Identifier attribute

Description
The object ID of this USMi resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Name attribute

Description
The name of this system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Virtual attribute

Description
Is this a virtual system type

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VIRTUAL or VIRT

Base Object Type attribute

Description
The object type

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BASE_OBJECT_TYPE or BOBJTYP

Endpoints Group View attribute group

Reports on all system types currently managed by this Director Server for the selected system group

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Endpoints Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of this system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or DISPNAM

System Type attribute

Description
The system type

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_TYPE or OBJTYPE

Access State attribute

Description
Reports the access state of the system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Health State attribute

Description
Indicates the current health of the operating system, but not necessarily that of its subcomponents. The possible values are 0 to 30, where 5 means the processor is completely healthy and 30 means it is completely non-functional

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HELTHST

Operating State attribute

Description
Reports the operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Communication State attribute

Description
Reports the communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMMST

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Last Boot Up Time attribute

Description
The time when the operating system was last booted.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_BOOT_UP_TIME or LSTBTTM

OS Type attribute

Description
The type of operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS_TYPE or OSTYPE

OS Version attribute

Description
The operating system version number.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS_VERSION or OSVER

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

IPv4 Address attribute

Description
The Version 4 IP addresses for this system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV4_ADDRESS or IP4ADDR

IPv6 Address attribute

Description
The Version 6 IP addresses for this system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV6_ADDRESS or IPV6ADD

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Host Name attribute

Description
The host name of this system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HOST_NAME or HOSTNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

System Object Id attribute - This attribute is a key attribute.

Description
The object ID of this USMi resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Virtual attribute

Description
Is this a virtual system type

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VIRTUAL or VIRT

Base Object Type attribute

Description
The object type

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BASE_OBJECT_TYPE or BOBJTYP

EP Performance Object Status attribute group

The Performance Object Status attribute group contains information that reflects the status of other attribute groups so you can see the status of all of the performance objects that make up this application all at once. Each of these other performance attribute groups is represented by a row in this table (or other type of view). The status for an attribute group reflects the result of the last attempt to collect data for that attribute group, which allows you to see whether the agent is performing correctly. Unlike other attribute groups, the Performance Object Status attribute group does not reflect the state of the monitored application. This attribute group is most often used to determine why data is not available for one of the performance attribute groups.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the EP Performance Object Status attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Query Name attribute - This attribute is a key attribute.

Description
The name of the attribute group.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
QUERY_NAME or ATTRGRP

Object Name attribute

Description
The name of the performance object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_NAME or OBJNAME

Object Type attribute

Description
The type of the performance object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Object Status attribute

Description
The status of the performance object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_STATUS or OBJSTTS

Error Code attribute

Description
The error code associated with the query

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ERROR_CODE or ERRCODE

Last Collection Start attribute

Description
The most recent time a data collection of this group started

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_COLLECTION_START or COLSTRT

Last Collection Finished attribute

Description
The most recent time a data collection of this group finished

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_COLLECTION_FINISHED or COLFINI

Last Collection Duration attribute

Description
The duration of the most recently completed data collection of this group in seconds

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_COLLECTION_DURATION or COLDURA

Average Collection Duration attribute

Description
The average duration of all data collections of this group in seconds

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AVERAGE_COLLECTION_DURATION or COLAVGD

Refresh Interval attribute

Description
The interval at which this group is refreshed in seconds

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REFRESH_INTERVAL or REFRINT

Number of Collections attribute

Description
The number of times this group has been collected since agent start

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_COLLECTIONS or NUMCOLL

Cache Hits attribute

Description
The number of times an external data request for this group was satisfied from the cache

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CACHE_HITS or CACHEHT

Cache Misses attribute

Description
The number of times an external data request for this group was not available in the cache

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CACHE_MISSES or CACHEMS

Cache Hit Percent attribute

Description
The percentage of external data requests for this group that were satisfied from the cache

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CACHE_HIT_PERCENT or CACHPCT

Intervals Skipped attribute

Description
The number of times a background data collection for this group was skipped because the previous collection was still running when the next one was due to start

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INTERVALS_SKIPPED or INTSKIP

Ethernet Port attribute group

Reports the capabilities of an ethernet port device.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Ethernet Port attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this device was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Active Maximum Transmission Unit attribute

Description
The active or negotiated maximum transmission unit (MTU) that can be supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACTIVE_MAXIMUM_TRANSMISSION_UNIT or AMTUNIT

Auto Sense attribute

Description
Indicates whether the network port is capable of automatically determining the speed or other communication characteristics of the attached network media.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTO_SENSE or AUTOSEN

Enabled attribute

Description
Indicates whether the network port is enabled.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENABLED

Full Duplex attribute

Description
Indicates whether the network port is operating in full duplex mode.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FULL_DUPLEX or FULLDUP

Link Technology attribute

Description
An enumeration of the types of links.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LINK_TECHNOLOGY or LNKTECH

Maximum Speed (bps) attribute

Description
The maximum bandwidth of the network port (in bits per second).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_SPEED_BITS_PER_SECOND or MXSPEED

Network Addresses attribute

Description
An array of strings that indicate the network addresses for the network port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NETWORK_ADDRESSES or NETADDR

Permanent Address attribute

Description
The network address that is hardcoded into a network port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PERMANENT_ADDRESS or PRMADDR

Port Number attribute

Description
Network ports are often numbered relative to either a logical module or a network resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT_NUMBER or PORTNUM

Speed (bps) attribute

Description
The bandwidth of the network port (in bits per second).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SPEED_BITS_PER_SECOND or SPEED

Supported Maximum Transmission Unit attribute

Description
The maximum transmission unit (MTU) that can be supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUPPORTED_MAXIMUM_TRANSMISSION_UNIT or SMTUNIT

Maximum Data Size attribute

Description
The maximum size of the INFO (non-MAC) field that can be received or transmitted.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_DATA_SIZE or MAXDATA

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Ethernet Port Group View attribute group

Reports the capabilities of an ethernet port device.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Ethernet Port Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this device was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Active Maximum Transmission Unit attribute

Description
The active or negotiated maximum transmission unit (MTU) that can be supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACTIVE_MAXIMUM_TRANSMISSION_UNIT or AMTUNIT

Auto Sense attribute

Description
Indicates whether the network port is capable of automatically determining the speed or other communication characteristics of the attached network media.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTO_SENSE or AUTOSEN

Enabled attribute

Description
Indicates whether the network port is enabled.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENABLED

Full Duplex attribute

Description
Indicates whether the network port is operating in full duplex mode.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FULL_DUPLEX or FULLDUP

Link Technology attribute

Description
An enumeration of the types of links.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LINK_TECHNOLOGY or LNKTECH

Maximum Speed (bps) attribute

Description
The maximum bandwidth of the network port (in bits per second).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_SPEED_BITS_PER_SECOND or MXSPEED

Network Addresses attribute

Description
An array of strings that indicate the network addresses for the network port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NETWORK_ADDRESSES or NETADDR

Permanent Address attribute

Description
The network address that is hardcoded into a network port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PERMANENT_ADDRESS or PRMADDR

Port Number attribute

Description
Network ports are often numbered relative to either a logical module or a network resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT_NUMBER or PORTNUM

Speed (bps) attribute

Description
The bandwidth of the network port (in bits per second).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SPEED_BITS_PER_SECOND or SPEED

Supported Maximum Transmission Unit attribute

Description
The maximum transmission unit (MTU) that can be supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUPPORTED_MAXIMUM_TRANSMISSION_UNIT or SMTUNIT

Maximum Data Size attribute

Description
The maximum size of the INFO (non-MAC) field that can be received or transmitted.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_DATA_SIZE or MAXDATA

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Event Conditions attribute group

This view reports the event conditions for a selected event.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Event Conditions attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Condition Value attribute

Description
The event condition

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_VALUE or COND

Condition Type attribute - This attribute is a key attribute.

Description
Condition type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_TYPE or CONDTYP

Event Id attribute

Description
Event identification number

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_ID or EVENTID

Event Details attribute group

This view reports the event details for a selected event.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Event Details attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Label attribute

Description
The name of this event detail

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LABEL

Value attribute

Description
The value of this event detail

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VALUE

Event Id attribute - This attribute is a key attribute.

Description
Event identification number

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_ID or EVENTID

ID attribute

Description
The internal identification of the label or name of this event detail

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ID or LABELID

Type attribute - This attribute is a key attribute.

Description
The type of information in the Value for the event detail. Used for formatting the Value

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TYPE

Event Info attribute group

This view reports the event information for a selected event.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Event Info attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The system name on which the event occurred.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Date and Time attribute

Description
The time and date the event was generated on the endpoint.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATE_AND_TIME or GENDATE

Event Text attribute

Description
Description of the event

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_TEXT or TEXT

Severity attribute

Description
Severity

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEVERITY or SEVERIT

Category attribute

Description
Event category.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CATEGORY or CAT

Component Category attribute

Description
Component category.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_CATEGORY or COMPCAT

Component Type attribute

Description
Component type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_TYPE or COMPTYP

Condition Value attribute

Description
The event condition

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_VALUE or COND

Condition Type attribute

Description
Condition type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_TYPE or CONDTYP

Sender Name attribute

Description
Sender

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SENDER_NAME or SENDER

Component Instance attribute - This attribute is a key attribute.

Description
For resource types with multiple occurrences on a single system, the instance identification, as in 'Fan 2'

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_INSTANCE or COMPINS

Event Id attribute

Description
Event identification number

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_ID or EVENTID

System Object Id attribute - This attribute is a key attribute.

Description
The object ID of this USMi resource

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

IPv4 Address attribute

Description
The Version 4 IP addresses of the system where the event originated

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV4_ADDRESS or IP4ADDR

IPv6 Address attribute

Description
The Version 6 IP addresses for this system where the event originated

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV6_ADDRESS or IPV6ADD

Event Type attribute - This attribute is a key attribute.

Description
The type of event

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_TYPE or EVTTYPE

Object Identifier attribute - This attribute is a key attribute.

Description
The object ID of this USMi resource

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Name attribute - This attribute is a key attribute.

Description
The system name on which the event occurred.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Name Base attribute

Description
The system name on which the event occurred.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME_BASE or SYSNAMB

Event Log Group View attribute group

This view reports event history for the selected system group. It is limited in scope to Systems Director base functionality. Since this view is historical, it should not be used for situations. Use the asynchronous Events attribute group instead.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Event Log Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The system name on which the event occurred.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Date and Time attribute

Description
The time and date the event was generated on the endpoint.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATE_AND_TIME or GENDATE

Event Text attribute

Description
Description of the event.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_TEXT or TEXT

Severity attribute

Description
Severity

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEVERITY or SEVERIT

Category attribute

Description
Event category.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CATEGORY or CAT

Component Category attribute

Description
Component category.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_CATEGORY or COMPCAT

Component Type attribute

Description
Component type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_TYPE or COMPTYP

Condition Value attribute

Description
The event condition

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_VALUE or COND

Condition Type attribute

Description
Condition type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_TYPE or CONDTYP

Sender Name attribute

Description
Sender

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SENDER_NAME or SENDER

Component Instance attribute

Description
For resource types with multiple occurrences on a single system, the instance identification, as in 'Fan 2.'

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_INSTANCE or COMPINS

Event Id attribute

Description
Event identification number

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_ID or EVENTID

Resource Id attribute

Description
The object ID of this USMi resource

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RESOURCE_ID or RESID

IPv4 Address attribute

Description
The Version 4 IP addresses of the system where the event originated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV4_ADDRESS or IP4ADDR

IPv6 Address attribute

Description
The Version 6 IP addresses for this system where the event originated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV6_ADDRESS or IPV6ADD

Event Type attribute

Description
The type of event.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_TYPE or EVTTYPE

System Object Id attribute - This attribute is a key attribute.

Description
The object ID of this USMi resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

CompType attribute

Description
The internal component type, used for filtering

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPTYPE or CMPTYP

Event Log Raw attribute group

This view manages and filters event history from Systems Director. It is not intended to support workspace usage.

Historical group

This attribute group is not part of the default historical group, and is not eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Event Log Raw attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The system name on which the event occurred.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Date and Time attribute

Description
The time and date the event was generated on the endpoint.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATE_AND_TIME or GENDATE

Event Text attribute

Description
Description of the event

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_TEXT or TEXT

Severity attribute

Description
Severity

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEVERITY or SEVERIT

Category attribute

Description
Event category.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CATEGORY or CAT

Component Category attribute

Description
Component category.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_CATEGORY or COMPCAT

Component Type attribute

Description
Component type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_TYPE or COMPTYP

Condition Value attribute

Description
The event condition

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_VALUE or COND

Condition Type attribute

Description
Condition type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_TYPE or CONDTYP

Sender Name attribute

Description
Sender

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SENDER_NAME or SENDER

Component Instance attribute

Description
For resource types with multiple occurrences on a single system, the instance identification, as in 'Fan 2.'

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_INSTANCE or COMPINS

Event Id attribute

Description
Event identification number

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_ID or EVENTID

Resource Id attribute

Description
The object ID of this USMi resource

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RESOURCE_ID or RESID

IPv4 Address attribute

Description
The Version 4 IP addresses of the system where the event originated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV4_ADDRESS or IP4ADDR

IPv6 Address attribute

Description
The Version 6 IP addresses for this system where the event originated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV6_ADDRESS or IPV6ADD

System Object Id attribute - This attribute is a key attribute.

Description
The object ID of this USMi resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Object Identifier attribute - This attribute is a key attribute.

Description
The object ID of this USMi resource

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

CompType attribute

Description
The internal component type, used for filtering

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPTYPE or CMPTYPI

Event Type attribute

Description
The type of event.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_TYPE or EVTTYPE

Event Types attribute group

This view lists the possible event types that can be generated by this Systems Director. It is limited in scope to Systems Director base functionality.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Event Types attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Key Component Category attribute

Description
The event type component category

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
KEY_COMPONENT_CATEGORY or COMPCAT

Key Component Type attribute

Description
The event type component type

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
KEY_COMPONENT_TYPE or COMPTYP

Key Condition Type attribute

Description
The condition type

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
KEY_CONDITION_TYPE or CNDTYPE

Key Condition Value attribute

Description
The condition value

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
KEY_CONDITION_VALUE or CNDVAL

Event Key attribute - This attribute is a key attribute.

Description
The internal key for this event. This key can be manually typed

into the Event Type field for Events or KD9 EVENTS if the required event to be monitored does not appear in the Event Type dropdown-list for Events.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_KEY or EVTKEY

Component Category attribute

Description
The component category label

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_CATEGORY or CMPCATL

Component Type attribute

Description
The component type label

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_TYPE or CCTYPEL

Condition Type attribute

Description
The condition type label

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_TYPE or CNDTYPL

Condition Value attribute

Description
The condition value label

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_VALUE or CNDVALL

Event Type attribute - This attribute is a key attribute.

Description
The type of event

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_TYPE or EVTTYPL

Event Types Raw attribute group

This view manages and filters event types from Systems Director server. It contains events that may be monitored or managed by this IBM Tivoli Monitoring Agent. It is not intended for workspace usage or indications of possible events for management.

Historical group

This attribute group is not part of the default historical group, and is not eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Event Types Raw attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Component Category attribute

Description
The event key component category

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_CATEGORY or COMPCAT

Component Type attribute

Description
The event key component category

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_TYPE or COMPTYP

Condition Type attribute

Description
The event key condition type

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_TYPE or CNDTYPE

Condition Value attribute

Description
The event key condition value

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_VALUE or CNDVAL

Component Category Label attribute

Description
The component category label

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_CATEGORY_LABEL or CMPCATL

Component Type Label attribute

Description
The component type label

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_TYPE_LABEL or CCTYPEL

Condition Type Label attribute

Description
The condition type label

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_TYPE_LABEL or CNDTYPL

Condition Value Label attribute

Description
The condition value label

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_VALUE_LABEL or CNDVALL

Event Key attribute - This attribute is a key attribute.

Description
The internal key for this event.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_KEY or EVTKEY

Event Type attribute - This attribute is a key attribute.

Description
The type of event

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_TYPE or EVTTYPL

Events attribute group

This view receives asynchronous, real-time events from Systems Director. These events are limited in scope to Systems Director base functionality. The product provided situations use this attribute group exclusively. No polling of events is done here.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Events attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Severity attribute

Description
The severity of the event

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEVERITY or SEVERIT

System Name attribute

Description
The system name on which the event occurrred.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Date and Time attribute

Description
The time and date the event was generated on the endpoint

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATE_AND_TIME or GENDATE

Event Text attribute

Description
Description of the event

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_TEXT or TEXT

Condition Value attribute

Description
The event condition

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_VALUE or COND

Condition Type attribute

Description
The event condition type

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONDITION_TYPE or CONDTYP

Category attribute

Description
Event category.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CATEGORY or CAT

Component Category attribute

Description
Component category.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_CATEGORY or COMPCAT

Component Type attribute

Description
Component type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_TYPE or COMPTYP

Component Instance attribute

Description
For resource types with multiple occurrences on a single system, the instance identification, as in 'Fan 2'

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMPONENT_INSTANCE or COMPINS

Resource Id attribute

Description
The object ID of the resource that generated the event

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RESOURCE_ID or RESID

Event Id attribute

Description
The event internal identification number

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_ID or EVENTID

IPv4 Address attribute

Description
The Version 4 IP addresses of the system where the event originated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV4_ADDRESS or IP4ADDR

IPv6 Address attribute

Description
The Version 6 IP addresses for this system where the event originated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV6_ADDRESS or IPV6ADD

Event Type Raw attribute

Description
The unformatted type of event

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_TYPE_RAW or EVTTYLR

Event Type attribute

Description
The event type. This attribute is typically used to monitor a Systems Director event. See the Events workspace documentation for more information on event management.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EVENT_TYPE or EVTTYPE

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Fan attribute group

Reports the capabilities of a fan cooling device.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Fan attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this fan was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
The current health of the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Fan Operating Mode attribute

Description
ControlMode indicates the mode in which management of the fan is operating.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FAN_OPERATING_MODE or FANMODE

Desired Speed (RPM) attribute

Description
The currently requested fan speed, defined in revolutions per minute (RPM), when a variable speed fan is supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESIRED_SPEED_RPM or DESPEED

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Fan Group View attribute group

Reports the capabilities of a fan cooling device.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Fan Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this fan was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the fan.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Fan Operating Mode attribute

Description
ControlMode indicates the mode in which management of the fan is operating.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FAN_OPERATING_MODE or FANMODE

Desired Speed (RPM) attribute

Description
The currently requested fan speed, defined in revolutions per minute (RPM), when a variable speed fan is supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESIRED_SPEED_RPM or DESPEED

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Fibre Channel Port attribute group

Reports the capabilities of a fibre channel port device.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Fibre Channel Port attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this port was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Active Maximum Transmission Unit attribute

Description
The active or negotiated maximum transmission unit (MTU) that can be supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACTIVE_MAXIMUM_TRANSMISSION_UNIT or AMTUNIT

Auto Sense attribute

Description
Indicates whether the network port is capable of automatically determining the speed or other communication characteristics of the attached network media.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTO_SENSE or AUTOSEN

Enabled attribute

Description
Indicates whether the network port is enabled.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENABLED

Full Duplex attribute

Description
Indicates whether the network port is operating in full duplex mode.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FULL_DUPLEX or FULLDUP

Link Technology attribute

Description
An enumeration of the types of links.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LINK_TECHNOLOGY or LNKTECH

Maximum Speed (bps) attribute

Description
The maximum bandwidth of the network port (in bits per second).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_SPEED_BITS_PER_SECOND or MXSPEED

Network Addresses attribute

Description
An array of strings that indicate the network addresses for the network port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NETWORK_ADDRESSES or NETADDR

Permanent Address attribute

Description
The network address that is hardcoded into a network port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PERMANENT_ADDRESS or PRMADDR

Port Number attribute

Description
Network ports are often numbered relative to either a logical module or a network resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT_NUMBER or PORTNUM

Port Type attribute

Description
Indicates the type of port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT_TYPE or PORTTYP

Speed (bps) attribute

Description
The bandwidth of the network port (in bits per second).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SPEED_BITS_PER_SECOND or SPEED

Supported Maximum Transmission Unit attribute

Description
The maximum transmission unit (MTU) that can be supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUPPORTED_MAXIMUM_TRANSMISSION_UNIT or SMTUNIT

Active FC4 Types attribute

Description
An array of integers that indicates the Fibre Channel FC-4 protocols that are currently running.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACTIVE_FC4_TYPES or ACTFC4

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Fibre Channel Port Group View attribute group

Reports the capabilities of a fibre channel port device.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Fibre Channel Port Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this port was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Active Maximum Transmission Unit attribute

Description
The active or negotiated maximum transmission unit (MTU) that can be supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACTIVE_MAXIMUM_TRANSMISSION_UNIT or AMTUNIT

Auto Sense attribute

Description
Indicates whether the network port is capable of automatically determining the speed or other communication characteristics of the attached network media.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTO_SENSE or AUTOSEN

Enabled attribute

Description
Indicates whether the network port is enabled.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENABLED

Full Duplex attribute

Description
Indicates whether the network port is operating in full duplex mode.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FULL_DUPLEX or FULLDUP

Link Technology attribute

Description
An enumeration of the types of links.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LINK_TECHNOLOGY or LNKTECH

Maximum Speed (bps) attribute

Description
The maximum bandwidth of the network port (in bits per second).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_SPEED_BITS_PER_SECOND or MXSPEED

Network Addresses attribute

Description
An array of strings that indicate the network addresses for the network port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NETWORK_ADDRESSES or NETADDR

Permanent Address attribute

Description
The network address that is hardcoded into a network port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PERMANENT_ADDRESS or PRMADDR

Port Number attribute

Description
Network ports are often numbered relative to either a logical module or a network resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT_NUMBER or PORTNUM

Port Type attribute

Description
Indicates the type of port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT_TYPE or PORTTYP

Speed (bps) attribute

Description
The bandwidth of the network port (in bits per second).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SPEED_BITS_PER_SECOND or SPEED

Supported Maximum Transmission Unit attribute

Description
The maximum transmission unit (MTU) that can be supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUPPORTED_MAXIMUM_TRANSMISSION_UNIT or SMTUNIT

Active FC4 Types attribute

Description
An array of integers that indicates the Fibre Channel FC-4 protocols that are currently running.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACTIVE_FC4_TYPES or ACTFC4

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

File System attribute group

Reports a file or dataset store local to a system such as a computer system or an application system, or remotely mounted from a file server.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the File System attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Available Space attribute

Description
The total amount of free space for the file system, in bytes.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AVAILABLE_SPACE or AVAILSP

Block Size attribute

Description
The file system block size for data storage and retrieval.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BLOCK_SIZE or BLOKSIZ

Case Preserved attribute

Description
Indicates whether the case of file names is preserved.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CASE_PRESERVED or CASEPRS

Case Sensitive attribute

Description
Indicates that case-sensitive file names are supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CASE_SENSITIVE or CASESNS

Cluster Size attribute

Description
The minimum file allocation size (an integral number of blocks) imposed by the file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CLUSTER_SIZE or CLUSTSZ

File System Size (bytes) attribute

Description
The file system size property stores the total size of the file system, in bytes.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FILE_SYSTEM_SIZE_BYTES or FLSYSSZ

File System Type attribute

Description
The type of file system and, therefore, its conventions.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FILE_SYSTEM_TYPE or FLSYSTY

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

File System Label attribute

Description
Label assigned to the file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FILE_SYSTEM_LABEL or FLSYSLB

Log Name attribute

Description
Specifies the log device to use for this file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOG_NAME or LOGNAME

Maximum File Name Length attribute

Description
The maximum length of a file name within the file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_FILE_NAME_LENGTH or MAXFLNL

Mode attribute

Description
Octal permission assigned to the base file system directory.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODE

Mount Options attribute

Description
The options used to mount the file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MOUNT_OPTIONS or MNTOPTN

Mount Source attribute

Description
The location from which the file system was mounted.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MOUNT_SOURCE or MNTSRC

Current Number of Files attribute

Description
The number of files contained in the file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_NUMBER_OF_FILES or NUMFILE

Operating State attribute

Description
The operating state of the file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Read Only attribute

Description
Indicates whether the file system is read-only.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
READ_ONLY or READONL

NFS Server Hostname attribute

Description
The NFS server host name or IP address.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NFS_SERVER_HOSTNAME or REMTHST

Root attribute

Description
Path name or other information defining the root of the file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ROOT

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

File System Group View attribute group

Reports a file or dataset store local to a system such as a computer system or an application system, or remotely mounted from a file server.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the File System Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Available Space attribute

Description
The total amount of free space for the file system, in bytes.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AVAILABLE_SPACE or AVAILSP

Block Size attribute

Description
The file system block size for data storage and retrieval.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BLOCK_SIZE or BLOKSIZ

Case Preserved attribute

Description
Indicates whether the case of file names is preserved.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CASE_PRESERVED or CASEPRS

Case Sensitive attribute

Description
Indicates that case-sensitive file names are supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CASE_SENSITIVE or CASESNS

Cluster Size attribute

Description
The minimum file allocation size (an integral number of blocks) imposed by the file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CLUSTER_SIZE or CLUSTSZ

File System Size (bytes) attribute

Description
The file system size property stores the total size of the file system, in bytes.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FILE_SYSTEM_SIZE_BYTES or FLSYSSZ

File System Type attribute

Description
The type of file system and, therefore, its conventions.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FILE_SYSTEM_TYPE or FLSYSTY

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

File System Label attribute

Description
Label assigned to the file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FILE_SYSTEM_LABEL or FLSYSLB

Log Name attribute

Description
Specifies the log device to use for this file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOG_NAME or LOGNAME

Maximum File Name Length attribute

Description
The maximum length of a file name within the file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_FILE_NAME_LENGTH or MAXFLNL

Mode attribute

Description
Octal permission assigned to the base file system directory.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODE

Mount Options attribute

Description
The options used to mount the file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MOUNT_OPTIONS or MNTOPTN

Mount Source attribute

Description
The location from which the file system was mounted.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MOUNT_SOURCE or MNTSRC

Current Number of Files attribute

Description
The number of files contained in the file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_NUMBER_OF_FILES or NUMFILE

Operating State attribute

Description
The operating state of the file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Read Only attribute

Description
Indicates whether the file system is read-only.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
READ_ONLY or READONL

NFS Server Hostname attribute

Description
The NFS server host name or IP address.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NFS_SERVER_HOSTNAME or REMTHST

Root attribute

Description
Path name or other information defining the root of the file system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ROOT

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

FRU attribute group

A vendor-defined collection of products or physical elements that is associated with a product for the purpose of supporting, maintaining, or updating the product at a customer location.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the FRU attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Package GUID attribute

Description
A globally unique identifier (GUID) for the package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_GUID or PAKGUID

Package Type attribute

Description
The type of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_TYPE or PKGTYP

Removal Conditions attribute

Description
The removal conditions property describes the guidelines under which a physical package can be removed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVAL_CONDITIONS or REMCOND

Width attribute

Description
The total width of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WIDTH

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

FRU Group View attribute group

A vendor-defined collection of products or physical elements that is associated with a product for the purpose of supporting, maintaining or updating the product at a customer location.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the FRU Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Package GUID attribute

Description
A globally unique identifier (GUID) for the package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_GUID or PAKGUID

Package Type attribute

Description
The type of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_TYPE or PKGTYP

Removal Conditions attribute

Description
The removal conditions property describes the guidelines under which a physical package can be removed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVAL_CONDITIONS or REMCOND

Width attribute

Description
The total width of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WIDTH

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Generic Network Device attribute group

Reports a computer system that has been discovered on the network the device type of which is unknown.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Generic Network Device attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
The access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
The communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Generic Network Device Group View attribute group

Reports a computer system that has been discovered on the network the device type of which is unknown.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Generic Network Device Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
Reports the access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
Reports the communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
Reports the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
Reports the operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached. For example, phone number and e-mail address.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

GR Performance Object Status attribute group

The Performance Object Status attribute group contains information that reflects the status of other attribute groups so you can see the status of all of the performance objects that make up this application all at once. Each of these other performance attribute groups is represented by a row in this table (or other type of

view). The status for an attribute group reflects the result of the last attempt to collect data for that attribute group, which allows you to see whether the agent is performing correctly. Unlike other attribute groups, the Performance Object Status attribute group does not reflect the state of the monitored application. This attribute group is most often used to determine why data is not available for one of the performance attribute groups.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the GR Performance Object Status attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Query Name attribute - This attribute is a key attribute.

Description
The name of the attribute group.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
QUERY_NAME or ATTRGRP

Object Name attribute

Description
The name of the performance object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_NAME or OBJNAME

Object Type attribute

Description
The type of the performance object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Object Status attribute

Description
The status of the performance object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_STATUS or OBJSTTS

Error Code attribute

Description
The error code associated with the query

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ERROR_CODE or ERRCODE

Last Collection Start attribute

Description
The most recent time a data collection of this group started

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_COLLECTION_START or COLSTRT

Last Collection Finished attribute

Description
The most recent time a data collection of this group finished

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_COLLECTION_FINISHED or COLFINI

Last Collection Duration attribute

Description
The duration of the most recently completed data collection of this group in seconds

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_COLLECTION_DURATION or COLDURA

Average Collection Duration attribute

Description
The average duration of all data collections of this group in seconds

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AVERAGE_COLLECTION_DURATION or COLAVGD

Refresh Interval attribute

Description
The interval at which this group is refreshed in seconds

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REFRESH_INTERVAL or REFRINT

Number of Collections attribute

Description
The number of times this group has been collected since agent start

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_COLLECTIONS or NUMCOLL

Cache Hits attribute

Description
The number of times an external data request for this group was satisfied from the cache

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CACHE_HITS or CACHEHT

Cache Misses attribute

Description
The number of times an external data request for this group was not available in the cache

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CACHE_MISSES or CACHEMS

Cache Hit Percent attribute

Description
The percentage of external data requests for this group that were satisfied from the cache

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CACHE_HIT_PERCENT or CACHPCT

Intervals Skipped attribute

Description
The number of times a background data collection for this group was skipped because the previous collection was still running when the next one was due to start

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INTERVALS_SKIPPED or INTSKIP

Hardware Management Console attribute group

Reports a computer system that controls managed systems, including the management of logical partitions and the use of Capacity on Demand.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Hardware Management Console attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
The access state of the system.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
The communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

Architecture Managed attribute

Description
List of the architecture types of the systems managed by this HardwareManagementConsole.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE_MANAGED or ARCHMAN

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Hardware Management Console Group View attribute group

Reports a computer system that controls managed systems, including the management of logical partitions and the use of Capacity on Demand.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Hardware Management Console Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
Reports the access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
Reports the communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
Reports the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
Reports the operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

Architecture Managed attribute

Description
List of the architecture types of the systems managed by this HardwareManagementConsole.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE_MANAGED or ARCHMAN

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

IDE Controller attribute group

Reports the capabilities of an IDE controller.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the IDE Controller attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Maximum Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_NUMBER_CONTROLLED or MAXNCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PROTOSUP

Time of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

IDE Controller Group View attribute group

Reports the capabilities of an IDE controller.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the IDE Controller Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Maximum Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_NUMBER_CONTROLLED or MAXNCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PROTOSUP

Time of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Inventory Group View attribute group

Reports the inventory categories and objects available for the selected system group.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Inventory Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Inventory Category attribute

Description
The inventory category for the resource

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INVENTORY_CATEGORY or INVCAT

Resource Type attribute - This attribute is a key attribute.

Description
The type of inventory resource

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RESOURCE_TYPE or RESTYPE

Object Type attribute - This attribute is a key attribute.

Description
The internal name for the resource

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Inventory View attribute group

Reports the inventory categories and objects available for the selected system.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Inventory View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Inventory Category attribute

Description
The inventory category for the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INVENTORY_CATEGORY or INVCAT

Resource Type attribute - This attribute is a key attribute.

Description
The type of inventory resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RESOURCE_TYPE or RESTYPE

Object Type attribute - This attribute is a key attribute.

Description
The internal name for the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

IP Protocol Endpoint attribute group

Reports a protocol resource that is dedicated to running IP.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the IP Protocol Endpoint attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the protocol resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Dynamic Address attribute

Description
Indicates that this is a dynamic address (dynamic host configuration protocol or DHCP).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DYNAMIC_ADDRESS or DYNADDR

IPv4 Address attribute

Description
The IPv4 address that this protocol resource represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV4_ADDRESS or IPV4ADD

IPv6 Address attribute

Description
The IPv6 address that this protocol resource represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV6_ADDRESS or IPV6ADD

Subnet Mask attribute

Description
The mask for the IPv4 address of this protocol resource, if one is defined.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNET_MASK or SUBMASK

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Network Address attribute

Description
The IP address of the IP network or subnetwork to which the interface is attached.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NETWORK_ADDRESS or NETADDR

Network Name attribute

Description
The complete name of the network that this interface is a part of.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NETWORK_NAME or NETNAME

IPv6 Prefix Length attribute

Description
The prefix length for the IPv6 destination address.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV6_PREFIX_LENGTH or PRFXLEN

IPv6 Address Type attribute

Description
The type of IPv6 address that is assigned to this network interface.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV6_ADDRESS_TYPE or I6ADTYP

Auto Start attribute

Description
Indicates whether the protocol endpoint is automatically started.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTO_START or AUTOSTR

Last Updated Date attribute

Description
The time of the most recent change to the configuration for this protocol endpoint.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_UPDATED_DATE or LSCFGUD

IP Protocol Endpoint Group View attribute group

Reports a protocol resource that is dedicated to running IP.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the IP Protocol Endpoint Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the protocol resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Dynamic Address attribute

Description
Indicates that this is a dynamic address (dynamic host configuration protocol or DHCP).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DYNAMIC_ADDRESS or DYNADDR

IPv4 Address attribute

Description
The IPv4 address that this protocol resource represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV4_ADDRESS or IPV4ADD

IPv6 Address attribute

Description
The IPv6 address that this protocol resource represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV6_ADDRESS or IPV6ADD

Subnet Mask attribute

Description
The mask for the IPv4 address of this protocol resource, if one is defined.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNET_MASK or SUBMASK

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Network Address attribute

Description
The IP address of the IP network or subnetwork to which the interface is attached.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NETWORK_ADDRESS or NETADDR

Network Name attribute

Description
The complete name of the network that this interface is a part of.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NETWORK_NAME or NETNAME

IPv6 Prefix Length attribute

Description
The prefix length for the IPv6 destination address.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV6_PREFIX_LENGTH or PRFXLEN

IPv6 Address Type attribute

Description
The type of IPv6 address that is assigned to this network interface.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV6_ADDRESS_TYPE or I6ADTYP

Auto Start attribute

Description
Indicates whether the protocol endpoint is automatically started.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTO_START or AUTOSTR

Last Updated Date attribute

Description
The time of the most recent change to the configuration for this protocol endpoint.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_UPDATED_DATE or LSCFGUD

Jobs attribute group

Reports the most recent activation of the jobs that are running or have run.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Jobs attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Name attribute

Description
The name of the job.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME

Description attribute

Description
The job description.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESC

Latest Run Status attribute

Description
The status of the latest running of the job.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LATEST_RUN_STATUS or STATUS

Percentage Complete attribute

Description
The percentage of completion of the latest job running.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PERCENTAGE_COMPLETE or PROG

Latest Run attribute

Description
The date and time of the latest running of the job.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LATEST_RUN or LASTRUN

Targets attribute

Description
The target systems or objects that were part of the job.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TARGETS

Next Run attribute

Description
When and if the job runs again.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NEXT_RUN or NEXTRUN

Job ID attribute

Description
The internal numerical identification of this job.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
JOB_ID or JOBID

Created By attribute

Description
The user that ran or scheduled the job.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CREATED_BY or CREATBY

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Jobs Group View attribute group

Reports the most recent activation of the jobs that are running or have run.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Jobs Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Name attribute - This attribute is a key attribute.

Description
The name of the job.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME

Description attribute

Description
The job description.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESC

Latest Run Status attribute

Description
The status of the latest running of the job.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LATEST_RUN_STATUS or STATUS

Percentage Complete attribute

Description
The percentage of completion of the latest job running.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PERCENTAGE_COMPLETE or PROG

Latest Run attribute

Description
The date and time of the latest running of the job.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LATEST_RUN or LASTRUN

Targets attribute

Description
The target systems or objects that were part of the job.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TARGETS

Next Run attribute

Description
When and if the job runs again.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NEXT_RUN or NEXTRUN

Job ID attribute - This attribute is a key attribute.

Description
The internal numerical identification of this job.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
JOB_ID or JOBID

Created By attribute

Description
The user that ran or scheduled the job.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CREATED_BY or CREATBY

Keyboard attribute group

Reports the capabilities of a keyboard logical device.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Keyboard attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this keyboard was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Device is Locked attribute

Description
Indicates whether the keyboard is locked, therefore preventing user input or output.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_IS_LOCKED or ISLOCKD

CodePage attribute

Description
The code page of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CODEPAGE or CODEPAG

Delay attribute

Description
The delay time of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DELAY

Keyboard Type attribute

Description
The type of keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
KEYBOARD_TYPE or KBTYPE

Number of Function Keys attribute

Description
The number of function keys on the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_FUNCTION_KEYS or FUNKEYS

Rate attribute

Description
The response rate of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RATE or KBRATE

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Keyboard Group View attribute group

Reports the capabilities of a keyboard logical device.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Keyboard Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this keyboard was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
The current health of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Device is Locked attribute

Description
Indicates whether the keyboard is locked, therefore preventing user input or output.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_IS_LOCKED or ISLOCKD

CodePage attribute

Description
The code page of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CODEPAGE or CODEPAG

Delay attribute

Description
The delay time of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DELAY

Keyboard Type attribute

Description
The type of keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
KEYBOARD_TYPE or KBTYPE

Number of Function Keys attribute

Description
The number of function keys on the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_FUNCTION_KEYS or FUNKEYS

Rate attribute

Description
The response rate of the keyboard.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RATE or KBRATE

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

LAN End point attribute group

Reports a communication resource that sends and receives data frames when its associated interface device is connected to a LAN.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the LAN End point attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the protocol resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Access External Network attribute

Description
Indicates the LAN resource access to the external network.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_EXTERNAL_NETWORK or ACCEXTN

LAN ID attribute

Description
A label or identifier for the LAN segment to which the resource is connected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAN_ID or LANID

MAC Address attribute

Description
The principal unicast address used in communication with the LAN resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAC_ADDRESS or MACADDR

Maximum Data Size attribute

Description
The largest information field that can be sent or received by the LAN resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_DATA_SIZE or MAXDATA

Network Boot Enabled attribute

Description
Indicates whether the LAN resource is network-boot enabled.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NETWORK_BOOT_ENABLED or NETBOOT

Priority attribute

Description
Indicates the LAN resource priority.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIORITY or PRIORTY

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Auto Start attribute

Description
Indicates whether the protocol endpoint is automatically started.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTO_START or AUTOSTR

Last Updated Date attribute

Description
The time of the most recent change to the configuration for this protocol endpoint.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_UPDATED_DATE or LSCFGUD

LAN End Point Group View attribute group

Reports a communication resource that sends and receives data frames when its associated interface device is connected to a LAN.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the LAN End Point Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the protocol resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Access External Network attribute

Description
Indicates the LAN resource access to the external network.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_EXTERNAL_NETWORK or ACCEXTN

LAN ID attribute

Description
A label or identifier for the LAN segment to which the resource is connected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAN_ID or LANID

MAC Address attribute

Description
The principal unicast address used in communication with the LAN resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAC_ADDRESS or MACADDR

Maximum Data Size attribute

Description
The largest information field that can be sent or received by the LAN resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_DATA_SIZE or MAXDATA

Network Boot Enabled attribute

Description
Indicates whether the LAN resource is network-boot enabled.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NETWORK_BOOT_ENABLED or NETBOOT

Priority attribute

Description
Indicates the LAN resource priority.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIORITY or PRIORTY

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Auto Start attribute

Description
Indicates whether the protocol endpoint is automatically started.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTO_START or AUTOSTR

Last Updated Date attribute

Description
The time of the most recent change to the configuration for this protocol endpoint.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_UPDATED_DATE or LSCFGUD

Location attribute group

DESCRIPTION

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Location attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Address attribute

Description
A free-form string indicating a street, building, or other type of address for the location.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ADDRESS

Aisle attribute

Description
The column or longitudinal division of an interior area.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AISLE

Altitude (m) attribute

Description
The vertical height in meters above sea level at the particular geographical location.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALTITUDE_METERS or ALTITUD

Building attribute

Description
The building number at the location of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BUILDING or BUILDNG

City attribute

Description
The city where the resource is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CITY

Country attribute

Description
The country where the resource is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COUNTRY

Displaced Height (cm) attribute

Description
The height in centimeters that the resource is displaced off of the floor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DISPLACED_HEIGHT_CENTIMETERS or DISPHGT

Floor attribute

Description
The floor number at the location of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FLOOR

Latitude attribute

Description
The latitude at which the resource is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LATITUDE or LATITUD

Location Type attribute

Description
The type of location.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCATION_TYPE or LOCTYPE

Longitude attribute

Description
The longitude at which the resource is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LONGITUDE or LONGTUD

Other Information attribute

Description
A free-form string indicating the full location information or additional information about the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OTHER_INFORMATION or OTHRINF

Telephone Number attribute

Description
The lab or access telephone number of the resource at this location.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TELEPHONE_NUMBER or PHONNUM

Room Number attribute

Description
The number of the room at the location of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ROOM_NUMBER or ROOMNUM

Row attribute

Description
The latitudinal division of an interior area.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ROW

State or Province attribute

Description
The state or province in which the resource is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STATE_OR_PROVINCE or STATEPR

Zip Code attribute

Description
The zip code in which the resource is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ZIP_CODE or ZIPCODE

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Dominant Location attribute

Description
True if this is the primary location.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DOMINANT_LOCATION or DOMLOC

Location Group View attribute group

Reports the position and address of a physical resource or system.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Location Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Address attribute

Description
A free-form string indicating a street, building, or other type of address for the location.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ADDRESS

Aisle attribute

Description
The column or longitudinal division of an interior area.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AISLE

Altitude (m) attribute

Description
The vertical height in meters above sea level at the particular geographical location.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALTITUDE_METERS or ALTITUD

Building attribute

Description
The building number at the location of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BUILDING or BUILDNG

City attribute

Description
The city in which the resource is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CITY

Country attribute

Description
The country where the resource is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COUNTRY

Displaced Height (cm) attribute

Description
The height in centimeters that the resource is displaced off of the floor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DISPLACED_HEIGHT_CENTIMETERS or DISPHGT

Floor attribute

Description
The floor number at the location of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FLOOR

Latitude attribute

Description
The latitude at which the resource is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LATITUDE or LATITUD

Location Type attribute

Description
The type of location.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCATION_TYPE or LOCTYPE

Longitude attribute

Description
The longitude at which the resource is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LONGITUDE or LONGTUD

Other Information attribute

Description
A free-form string indicating the full location information or additional information about the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OTHER_INFORMATION or OTHRINF

Telephone Number attribute

Description
Reports the lab or access telephone number of the resource at this location.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TELEPHONE_NUMBER or PHONNUM

Room Number attribute

Description
The number of the room at the location of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ROOM_NUMBER or ROOMNUM

Row attribute

Description
The latitudinal division of an interior area.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ROW

State or Province attribute

Description
The state or province in which the resource is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STATE_OR_PROVINCE or STATEPR

Zip Code attribute

Description
The zip code in which the resource is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ZIP_CODE or ZIPCODE

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Dominant Location attribute

Description
True if this is the primary location.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DOMINANT_LOCATION or DOMLOC

Logical Module attribute group

Reports a logical module.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Logical Module attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this module was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the module.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the module.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the module.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the module.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
The current health of the module.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the module.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Module Type attribute

Description
Reports the type of logical module this instance represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODULE_TYPE or MODTYPE

Module Number attribute

Description
Named by the physical or logical slot that they occupy within the containing device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODULE_NUMBER or MODNUM

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Label Power Input (Watts) attribute

Description
The amount of power in watts required from an electrical outlet going into a power supply.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LABEL_POWER_INPUT_WATTS or LPWRIN

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Logical Module Group View attribute group

Reports a logical module.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Logical Module Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this module was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the module.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the module.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the module.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the module.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
The current health of the module.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the module.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Module Type attribute

Description
Reports the type of logical module this instance represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODULE_TYPE or MODTYPE

Module Number attribute

Description
Named by the physical or logical slot that they occupy within the containing device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODULE_NUMBER or MODNUM

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Label Power Input (Watts) attribute

Description
The amount of power in watts requireed from an electrical outlet going into a power supply.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LABEL_POWER_INPUT_WATTS or LPWRIN

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Logical Volume attribute group

Reports a presentation of a contiguous range of logical blocks that is identifiable by applications such as file systems through the Name field. The DeviceID key uses the same name or other unique text such as a UUID.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Logical Volume attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this volume was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Block Size (bytes) attribute

Description
The size (in bytes) of the blocks that form this storage extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BLOCK_SIZE_BYTES or BLOKSIZ

Capacity (GB) attribute

Description
Reports the capacity of the extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_GIGABYTES or CAPACTY

Consumable Blocks attribute

Description
The maximum number of blocks, of size BlockSize, that are available for consumption when layering storage extents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONSUMABLE_BLOCKS or CNSBLOK

Data Organization attribute

Description
The type of data organization used.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_ORGANIZATION or DATAORG

Data Redundancy attribute

Description
The number of complete copies of data currently maintained.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_REDUNDANCY or DTREDUN

Delta Reservation attribute

Description
The current value for delta reservation.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DELTA_RESERVATION or DELTARS

Free Space (GB) attribute

Description
The amount of storage that has not been allocated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_SPACE_GIGABYTES or FREESPC

Number of Blocks attribute

Description
The total number of logically contiguous blocks, of size BlockSize, that form this extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_BLOCKS or NUMBLOK

Package Redundancy attribute

Description
The number of physical packages that currently can fail without data loss.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_REDUNDANCY or PKGREDN

Sequential Access attribute

Description
Indicates whether the storage is sequentially accessed by a media access device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEQUENTIAL_ACCESS or SQNACC

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Access Type attribute

Description
Indicates whether the media is readable, writeable or both.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCESS

Is Compressed attribute

Description
Indicates whether the storage is compressed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_COMPRESSED or ISCOMP

Is Multi Path attribute

Description
Indicates whether the storage is a multipath unit.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_MULTI_PATH or ISMTLPT

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Logical Volume Group View attribute group

Reports a presentation of a contiguous range of logical blocks that is identifiable by applications such as file systems through the Name field. DeviceID (key) uses the same name or other unique text such as a UUID.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Logical Volume Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this volume was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Block Size (bytes) attribute

Description
The size (in bytes) of the blocks that form this storage extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BLOCK_SIZE_BYTES or BLOKSIZ

Capacity (GB) attribute

Description
Reports the capacity of the extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_GIGABYTES or CAPACTY

Consumable Blocks attribute

Description
The maximum number of blocks, of size BlockSize, that are available for consumption when layering storage extents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONSUMABLE_BLOCKS or CNSBLOK

Data Organization attribute

Description
The type of data organization used.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_ORGANIZATION or DATAORG

Data Redundancy attribute

Description
The number of complete copies of data currently maintained.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_REDUNDANCY or DTREDUN

Delta Reservation attribute

Description
The current value for delta reservation.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DELTA_RESERVATION or DELTARS

Free Space (GB) attribute

Description
The amount of storage that has not been allocated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_SPACE_GIGABYTES or FREESPC

Number of Blocks attribute

Description
The total number of logically contiguous blocks, of size BlockSize, that form this extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_BLOCKS or NUMBLOK

Package Redundancy attribute

Description
The number of physical packages that currently can fail without data loss.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_REDUNDANCY or PKGREDN

Sequential Access attribute

Description
Indicates whether the storage is sequentially accessed by a media access device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEQUENTIAL_ACCESS or SQNACC

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Access Type attribute

Description
Indicates whether the media is readable, writeable, or both.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCESS

Is Compressed attribute

Description
Indicates whether the storage is compressed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_COMPRESSED or ISCOMP

Is Multi Path attribute

Description
Indicates whether the storage is a multipath unit.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_MULTI_PATH or ISMTLPT

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Management Controller attribute group

Reports a computer system that is a specialized service processor that monitors the physical state of a computer, network server or other hardware.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Management Controller attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
The access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
The communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Management Controller Group View attribute group

Reports a computer system that is a specialized service processor that monitors the physical state of a computer, network server or other hardware.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Management Controller Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
Reports the access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
Reports the communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
Reports the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
Reports the operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Memory attribute group

Reports the capabilities of memory related logical devices.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Memory attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
A user friendly name for the object

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Id attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_ID or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALCSTAT

Health State attribute

Description
This attribute expresses the health of this resource but not necessarily that of its subcomponents. The possible values are 0 to 30, where 5 means the resource is completely healthy and 30 means the resource is completely non-functional.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of this device

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Block Size (Bytes) attribute

Description
The size (in bytes) of the blocks that form this storage extent. If the block size is variable, then the maximum block size (in bytes) is specified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BLOCK_SIZE_BYTES or BLOKSIZ

Capacity (GB) attribute

Description
Reports the capacity of the extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_GIGABYTES or CAPACTY

Consumable Blocks attribute

Description
The maximum number of blocks, of size BlockSize, that are available for consumption when layering storage extents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONSUMABLE_BLOCKS or CNSBLOK

Data Organization attribute

Description
The type of data organization used.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_ORGANIZATION or DATAORG

Data Redundancy attribute

Description
The number of complete copies of data currently maintained.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_REDUNDANCY or DTREDUN

Delta Reservation (%) attribute

Description
The current value for delta reservation. This is a percentage that specifies the amount of space to reserve in a replica for caching changes.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DELTA_RESERVATION_PERCENTAGE or DTRESRV

Free Space (GB) attribute

Description
The amount of storage that has not been allocated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_SPACE_GIGABYTES or FREESPC

Number Of Blocks attribute

Description
The total number of logically contiguous blocks, of size BlockSize, that form this extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_BLOCKS or NUMBLOK

Package Redundancy attribute

Description
The number of physical packages that currently can fail without data loss. For example, in the storage domain, this might be disk spindles.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_REDUNDANCY or PKGREDN

Sequential Access attribute

Description
Indicates whether the storage is sequentially accessed. If true, the storage is sequentially accessed. A tape partition is an example of sequential access. Storage volumes, disk partitions, and logical disks are examples of randomly accessed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEQUENTIAL_ACCESS or SQNACC

Ending Address attribute

Description
The ending address, referenced by an application or operating system and mapped by a memory controller, for this memory object. The ending address is specified in KB.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENDING_ADDRESS or ENDADDR

Starting Address attribute

Description
The beginning address, referenced by an application or operating system and mapped by a memory controller, for this memory object. The starting address is specified in KB.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STARTING_ADDRESS or STADDR

Volatile attribute

Description
Indicates whether this memory is volatile.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VOLATILE or VOLATIL

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Access Type attribute

Description
Indicates whether the media is readable, writeable or both.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCESS

Is Compressed attribute

Description
Indicates whether the storage is compressed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_COMPRESSED or ISCOMP

Is Multi Path attribute

Description
Indicates whether the storage is a multipath unit.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_MULTI_PATH or ISMTLPT

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Memory Group View attribute group

Reports the capabilities of memory-related logical devices.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Memory Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
A user friendly name for the object

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_ID or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALCSTAT

Health State attribute

Description
This attribute expresses the health of this resource but not necessarily that of its subcomponents. The possible values are 0 to 30, where 5 means the resource is completely healthy and 30 means the resource is completely non-functional.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of this device

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Block Size (Bytes) attribute

Description
The size (in bytes) of the blocks that form this storage extent. If the block size is variable, then the maximum block size (in bytes) is specified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BLOCK_SIZE_BYTES or BLOKSIZ

Capacity (GB) attribute

Description
Reports the capacity of the extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_GIGABYTES or CAPACTY

Consumable Blocks attribute

Description
The maximum number of blocks, of size BlockSize, that are available for consumption when layering storage extents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONSUMABLE_BLOCKS or CNSBLOK

Data Organization attribute

Description
The type of data organization used.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_ORGANIZATION or DATAORG

Data Redundancy attribute

Description
The number of complete copies of data currently maintained.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_REDUNDANCY or DTREDUN

Delta Reservation (%) attribute

Description
The current value for delta reservation. This is a percentage that specifies the amount of space to reserve in a replica for caching changes.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DELTA_RESERVATION_PERCENTAGE or DTRESRV

Free Space (GB) attribute

Description
The amount of storage that has not been allocated

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_SPACE_GIGABYTES or FREESPC

Number Of Blocks attribute

Description
The total number of logically contiguous blocks, of size BlockSize, that form this extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_BLOCKS or NUMBLOK

Package Redundancy attribute

Description
The number of physical packages that currently can fail without data loss. For example, in the storage domain, this might be disk spindles.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_REDUNDANCY or PKGREDN

Sequential Access attribute

Description
Indicates whether the storage is sequentially accessed. If true, the storage is sequentially accessed. A tape partition is an example of sequential access. Storage volumes, disk partitions, and logical disks are examples of randomly accessed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEQUENTIAL_ACCESS or SQNACC

Ending Address attribute

Description
The ending address, referenced by an application or operating

system and mapped by a memory controller, for this memory object. The ending address is specified in KB.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENDING_ADDRESS or ENDADDR

Starting Address attribute

Description
The beginning address, referenced by an application or operating system and mapped by a memory controller, for this memory object. The starting address is specified in KB.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STARTING_ADDRESS or STADDR

Volatile attribute

Description
Indicates whether this memory is volatile.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VOLATILE or VOLATIL

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Access Type attribute

Description
Indicates whether the media is readable, writeable or both.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCESS

Is Compressed attribute

Description
Indicates whether the storage is compressed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_COMPRESSED or ISCOMP

Is Multi Path attribute

Description
Indicates whether the storage is a multipath unit.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_MULTI_PATH or ISMTLPT

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Operating System attribute group

Reports the attributes of the operating system that is responsible for the formation of an execution environment and allocations of resources for software programs on a computer.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Operating System attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
The access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
The communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Build Number attribute

Description
The build number of the operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BUILD_NUMBER or BILDNUM

Code Page attribute

Description
The code page value used by the operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CODE_PAGE or CODESET

Country Code attribute

Description
Represents the country code for the country the system is in.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COUNTRY_CODE or COUNTRY

Current Time Zone from GMT attribute

Description
The number of minutes the operating system is offset from Greenwich Mean Time (GMT).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_TIME_ZONE_FROM_GMT or CTIMZON

Default Page Size attribute

Description
The default size of pages used by the virtual storage management system, in units of bytes.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEFAULT_PAGE_SIZE or DEFPGSZ

Distribution Type attribute

Description
A string representing the type of distribution of operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DISTRIBUTION_TYPE or DISTTYP

Free Physical Memory attribute

Description
Number of KB of physical memory currently unused and available.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_PHYSICAL_MEMORY or FRPHMEM

Free Virtual Memory attribute

Description
Number of KB of virtual storage currently unused and available.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_VIRTUAL_MEMORY or FRVTMEM

Kernel Version attribute

Description
A string describing the operating system kernel version number.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
KERNEL_VERSION or KRNLVER

Language Edition attribute

Description
The national-language version of the installed operating system, for example US English.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LANGUAGE_EDITION or LANGEDT

Last Boot Up Time attribute

Description
The time when the operating system was last booted.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_BOOT_UP_TIME or LBOOTTM

Local Date Time attribute

Description
The local date and time of day used by the operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCAL_DATE_TIME or LOCALDT

Number of Licensed Users attribute

Description
Number of user licenses for the operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_LICENSED_USERS or LCNUSER

Number of Processes attribute

Description
Number of process contexts currently loaded or running on the operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_PROCESSES or NUMPROC

Number of Users attribute

Description
Number of user sessions for which the operating system is currently storing state information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_USERS or NUMUSER

OS attribute

Description
An integer that indicates the type of operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS or OSTYPE

OS Type attribute

Description
The string form of the type of operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS_TYPE or OSTYPST

OS Version attribute

Description
A string describing the operating system version number.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS_VERSION or OSVERS

System GUID attribute

Description
A string representing a Globally unique identifier created for this operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_GUID or SYSGUID

Total Swap Space Size attribute

Description
Total swap space in Kbytes.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_SWAP_SPACE_SIZE or TOTSSSZ

Total Virtual Memory Size attribute

Description
Number of Kbytes of virtual storage.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_VIRTUAL_MEMORY_SIZE or TOTVMSZ

Total Visible Memory Size attribute

Description
The total amount of physical memory (in KB) available to the operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_VISIBLE_MEMORY_SIZE or TOTVSSZ

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Simultaneous Multi Threading attribute

Description
Specifies whether simultaneous multi-threading is enabled.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SIMULTANEOUS_MULTI_THREADING or SMMLTHD

Operating System Group View attribute group

Reports the execution of software that is responsible for the formation of an execution environment and allocations of resources for software programs on a computer.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Operating System Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
Reports the access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
Reports the communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
Reports the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
Reports the operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Build Number attribute

Description
The build number of the operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BUILD_NUMBER or BILDNUM

Code Page attribute

Description
The code page value used by the operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CODE_PAGE or CODESET

Country Code attribute

Description
Represents the country code for the country the system is in.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COUNTRY_CODE or COUNTRY

Current Time Zone from GMT attribute

Description
The number of minutes the operating system is offset from Greenwich Mean Time (GMT).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_TIME_ZONE_FROM_GMT or CTIMZON

Default Page Size attribute

Description
The default size of pages used by the virtual storage management system, in units of bytes.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEFAULT_PAGE_SIZE or DEFPGSZ

Distribution Type attribute

Description
A string representing the type of distribution of operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DISTRIBUTION_TYPE or DISTTYP

Free Physical Memory attribute

Description
Number of KB of physical memory currently unused and available.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_PHYSICAL_MEMORY or FRPHMEM

Free Virtual Memory attribute

Description
Number of KB of virtual storage currently unused and available.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_VIRTUAL_MEMORY or FRVTMEM

Kernel Version attribute

Description
A string describing the operating system kernel version number.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
KERNEL_VERSION or KRNLVER

Language Edition attribute

Description
The national-language version of the installed operating system, for example, US English.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LANGUAGE_EDITION or LANGEDT

Last Boot Up Time attribute

Description
The time when the operating system was last booted.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_BOOT_UP_TIME or LBOOTTM

Local Date Time attribute

Description
The local date and time of day used by the operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCAL_DATE_TIME or LOCALDT

Number of Licensed Users attribute

Description
Number of user licenses for the operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_LICENSED_USERS or LCNUSER

Number of Processes attribute

Description
Number of process contexts currently loaded or running on the operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_PROCESSES or NUMPROC

Number of Users attribute

Description
Number of user sessions for which the operating system is currently storing state information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_USERS or NUMUSER

OS attribute

Description
Indicates the type of operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS or OSTYPE

OS Type attribute

Description
The string form of the type of operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS_TYPE or OSTYPST

OS Version attribute

Description
A string describing the operating system version number.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS_VERSION or OSVERS

System GUID attribute

Description
A string representing a Globally unique identifier created for this operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_GUID or SYSGUID

Total Swap Space Size attribute

Description
Total swap space in Kbytes.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_SWAP_SPACE_SIZE or TOTSSSZ

Total Virtual Memory Size attribute

Description
Number of Kbytes of virtual storage.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_VIRTUAL_MEMORY_SIZE or TOTVMSZ

Total Visible Memory Size attribute

Description
The total amount of physical memory (in KB) available to the operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_VISIBLE_MEMORY_SIZE or TOTVSSZ

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Simultaneous Multi Threading attribute

Description
Specifies whether simultaneous multi-threading is enabled.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SIMULTANEOUS_MULTI_THREADING or SMMLTHD

Optical Drive attribute group

Reports the capabilities and managment of a CD-ROM, DVD or magneto optical drive, subtypes of media access device.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Optical Drive attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this drive was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Capactiy (GB) attribute

Description
Reports the capacity of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_GIGABYTES or CAPACTY

Default Block Size attribute

Description
Default block size (in bytes) for this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEFAULT_BLOCK_SIZE or DBLOKSZ

Device Type attribute

Description
Reports the type of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_TYPE or DEVTYP

Load Time attribute

Description
The time, in milliseconds, that elapses from load to being able to read or write a media.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOAD_TIME or LOADTIM

Maximum Access Time (ms) attribute

Description
The time, in milliseconds, that elapses to move from the first location on the media to the location that is furthest with respect to time.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_ACCESS_TIME_MILLISECONDS or MAXACTM

Max Block Size (bytes) attribute

Description
The maximum block size (in bytes) for media accessed by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_BLOCK_SIZE_BYTES or MAXBLKS

Maximum Media Size (KB) attribute

Description
The maximum size (in KB) of media supported by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_MEDIA_SIZE_KILOBYTES or MAXMEDS

Media is Locked attribute

Description
Indicates whether the media is locked in the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEDIA_IS_LOCKED or MEDIALK

Media Loaded attribute

Description
Represents whether the media is currently loaded into the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEDIA_LOADED or MEDLOAD

Minimum Block Size (bytes) attribute

Description
The minimum block size (in bytes) for media accessed by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MINIMUM_BLOCK_SIZE_BYTES or MINBLKS

Mount Count attribute

Description
For a media access device that supports removable media, the number of times that media has been mounted for data transfer or to clean the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MOUNT_COUNT or MCOUNT

Device Needs Cleaning attribute

Description
Indicates whether the media access device requires cleaning.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_NEEDS_CLEANING or NEEDCLN

Removable Media attribute

Description
Represents whether it is possible for the media to be removed from the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVABLE_MEDIA or RMVMED

Time of Last Mount attribute

Description
For a media access device that supports removable media, the most recent date and time that media was mounted on the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_MOUNT or TIMMNT

Total Mount Time (sec) attribute

Description
For a media access device that supports removable media, the total time (in seconds) that the media has been mounted for data transfer or to clean the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_MOUNT_TIME_SECONDS or TOTMNT

Unload Time (ms) attribute

Description
The time, in milliseconds, that elapses from being able to read or write a media to its unload.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
UNLOAD_TIME_MILLISECONDS or UNLTIME

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Optical Drive Group View attribute group

Reports the capabilities and managment of a CD-ROM, DVD or magneto optical drive, subtypes of media access device.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Optical Drive Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this drive was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Capactiy (GB) attribute

Description
Reports the capacity of the drive.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_GIGABYTES or CAPACTY

Default Block Size attribute

Description
Default block size (in bytes) for this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEFAULT_BLOCK_SIZE or DBLOKSZ

Device Type attribute

Description
Reports the type of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_TYPE or DEVTYP

Load Time attribute

Description
The time, in milliseconds, that elapses from load to being able to read or write a media.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOAD_TIME or LOADTIM

Maximum Access Time (ms) attribute

Description
The time, in milliseconds, that elapses to move from the first location on the media to the location that is furthest with respect to time.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_ACCESS_TIME_MILLISECONDS or MAXACTM

Max Block Size (bytes) attribute

Description
The maximum block size (in bytes) for media accessed by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_BLOCK_SIZE_BYTES or MAXBLKS

Maximum Media Size (KB) attribute

Description
The maximum size (in KB) of media supported by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_MEDIA_SIZE_KILOBYTES or MAXMEDS

Media is Locked attribute

Description
Indicates whether the media is locked in the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEDIA_IS_LOCKED or MEDIALK

Media Loaded attribute

Description
Represents whether the media is currently loaded into the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEDIA_LOADED or MEDLOAD

Minimum Block Size (bytes) attribute

Description
The minimum block size (in bytes) for media accessed by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MINIMUM_BLOCK_SIZE_BYTES or MINBLKS

Mount Count attribute

Description
For a media access device that supports removable media, the number of times that media has been mounted for data transfer or to clean the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MOUNT_COUNT or MCOUNT

Device Needs Cleaning attribute

Description
Indicates whether the media access device requires cleaning.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_NEEDS_CLEANING or NEEDCLN

Removable Media attribute

Description
Represents whether it is possible for the media to be removed from the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVABLE_MEDIA or RMVMED

Time of Last Mount attribute

Description
For a media access device that supports removable media, the most recent date and time that media was mounted on the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_MOUNT or TIMMNT

Total Mount Time (sec) attribute

Description
For a media access device that supports removable media, the total time (in seconds) that the media has been mounted for data transfer or to clean the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_MOUNT_TIME_SECONDS or TOTMNT

Unload Time (ms) attribute

Description
The time, in milliseconds, that elapses from being able to read or write a media to its unload.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
UNLOAD_TIME_MILLISECONDS or UNLTIME

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Parallel Controller attribute group

Reports the capabilities of a parallel controller.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Parallel Controller attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Maximum Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_NUMBER_CONTROLLED or MAXNCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PROTOSUP

Time of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

DMA Support attribute

Description
Indicates whether the parallel controller supports DMA (value=true).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DMA_SUPPORT or DMASUPP

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Parallel Controller Group View attribute group

Reports the capabilities of a parallel controller.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Parallel Controller Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Maximum Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_NUMBER_CONTROLLED or MAXNCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PROTOSUP

Time of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

DMA Support attribute

Description
Indicates whether the parallel controller supports DMA (value=true).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DMA_SUPPORT or DMASUPP

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Pass Through Module attribute group

Reports a Pass-Thru module.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Pass Through Module attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
The access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
The communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

External Link Technologies attribute

Description
Reports an enumeration of the external link technologies that can be passed through by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EXTERNAL_LINK_TECHNOLOGIES or EXLNKTC

External Ports attribute

Description
An indexed array containing the external port numbers.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EXTERNAL_PORTS or EXTPORT

Internal Link Technologies attribute

Description
Reports an enumeration of the internal link technologies that can be passed through by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INTERNAL_LINK_TECHNOLOGIES or INTLTCH

Internal Ports attribute

Description
An indexed array containing the internal port numbers.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INTERNAL_PORTS or INTPORT

Is Programmable attribute

Description
A Boolean value indicating whether the port assignments on this switch are software programmable.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_PROGRAMMABLE or ISPROGR

Number of Ports attribute

Description
The number of external ports.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_PORTS or NUMPORT

Pass Thru Type attribute

Description
Reports whether the pass-through is a direct type, a bridge type, or some other type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PASS_THRU_TYPE or PSTHRTP

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Pass Through Module Group View attribute group

Reports a Pass-Thru module.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Pass Through Module Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
Reports the access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
Reports the communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
Reports the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
Reports the operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

External Link Technologies attribute

Description
Reports an enumeration of the external link technologies that can be passed through by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EXTERNAL_LINK_TECHNOLOGIES or EXLNKTC

External Ports attribute

Description
An indexed array containing the external port numbers.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EXTERNAL_PORTS or EXTPORT

Internal Link Technologies attribute

Description
Reports an enumeration of the internal link technologies that can be passed through by this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INTERNAL_LINK_TECHNOLOGIES or INTLTCH

Internal Ports attribute

Description
An indexed array containing the internal port numbers.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INTERNAL_PORTS or INTPORT

Is Programmable attribute

Description
A Boolean value indicating whether the port assignments on this switch are software programmable.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_PROGRAMMABLE or ISPROGR

Number of Ports attribute

Description
The number of external ports.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_PORTS or NUMPORT

Pass Thru Type attribute

Description
Reports whether the pass-through is direct or a bridge, or of another type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PASS_THRU_TYPE or PSTHRTP

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

PCI Bridge attribute group

Reports on PCI controllers that provide bridge-to-bridge capability.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the PCI Bridge attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Maximum Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_NUMBER_CONTROLLED or MAXNCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PROTOSUP

Time of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

Cache Line Size attribute

Description
The system-cache line size in doubleword increments.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CACHE_LINE_SIZE or CACHLIN

Class Code attribute

Description
Register of 8 bits that identifies the basic function of the PCI device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CLASS_CODE or CLSSCOD

Device Select Timing attribute

Description
The slowest device-select timing for a target device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_SELECT_TIMING or DEVSTIM

Expansion ROM Base Address attribute

Description
The doubleword expansion ROM-based memory address.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EXPANSION_ROM_BASE_ADDRESS or EROMADD

Interrupt Pin attribute

Description
The PCI interrupt request pin (INTA# to INTD#) to which a PCI functional device is connected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INTERRUPT_PIN or INTRPIN

Latency Timer attribute

Description
The minimum amount of time, in PCI clock cycles, that the bus master can retain ownership of the bus.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LATENCY_TIMER or LTNTIME

Self Test Enabled attribute

Description
Indicates whether the PCI device can perform the self-test function.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SELF_TEST_ENABLED or STSTENB

Base Address attribute

Description
A string representing the base-memory address.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BASE_ADDRESS or BASSADD

Bridge Type attribute

Description
The type of bridge.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BRIDGE_TYPE or BRIDTYP

IO Base attribute

Description
The base address of I/O addresses supported by the bus.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IO_BASE or IOBASE

IO Limit attribute

Description
The end address of the I/O addresses supported by the bus.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IO_LIMIT or IOLIMIT

Memory Base attribute

Description
The base address of the memory supported by the bus.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEMORY_BASE or MEMBASS

Memory Limit attribute

Description
The end address of the memory supported by the bus.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEMORY_LIMIT or MEMLIM

Primary Bus Number attribute

Description
The number of the PCI-bus segments to which the primary interface of the bridge is connected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_BUS_NUMBER or PBUSNUM

Seconday Bus Number attribute

Description
The number of the PCI-bus segments to which the secondary interface of the bridge is connected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SECONDAY_BUS_NUMBER or SBUSNUM

Subordinate Bus Number attribute

Description
The number of the highest numbered bus that exists behind the bridge.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBORDINATE_BUS_NUMBER or SUBBUSN

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

PCI Bridge Group View attribute group

Reports on PCI controllers that provide bridge-to-bridge capability.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the PCI Bridge Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Maximum Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_NUMBER_CONTROLLED or MAXNCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PROTOSUP

Time of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

Cache Line Size attribute

Description
The system-cache line size in doubleword increments.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CACHE_LINE_SIZE or CACHLIN

Class Code attribute

Description
Register of 8 bits that identifies the basic function of the PCI device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CLASS_CODE or CLSSCOD

Device Select Timing attribute

Description
The slowest device-select timing for a target device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_SELECT_TIMING or DEVSTIM

Expansion ROM Base Address attribute

Description
The doubleword expansion ROM-based memory address.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EXPANSION_ROM_BASE_ADDRESS or EROMADD

Interrupt Pin attribute

Description
The PCI interrupt request pin (INTA# to INTD#) to which a PCI functional device is connected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INTERRUPT_PIN or INTRPIN

Latency Timer attribute

Description
The minimum amount of time, in PCI clock cycles, that the bus master can retain ownership of the bus.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LATENCY_TIMER or LTNTIME

Self Test Enabled attribute

Description
Indicates whether the PCI device can perform the self-test function.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SELF_TEST_ENABLED or STSTENB

Base Address attribute

Description
A string representing the base-memory address.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BASE_ADDRESS or BASSADD

Bridge Type attribute

Description
The type of bridge.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BRIDGE_TYPE or BRIDTYP

IO Base attribute

Description
The base address of I/O addresses supported by the bus.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IO_BASE or IOBASE

IO Limit attribute

Description
The end address of the I/O addresses supported by the bus.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IO_LIMIT or IOLIMIT

Memory Base attribute

Description
The base address of the memory supported by the bus.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEMORY_BASE or MEMBASS

Memory Limit attribute

Description
The end address of the memory supported by the bus.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEMORY_LIMIT or MEMLIM

Primary Bus Number attribute

Description
The number of the PCI-bus segments to which the primary interface of the bridge is connected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_BUS_NUMBER or PBUSNUM

Seconday Bus Number attribute

Description
The number of the PCI-bus segments to which the secondary interface of the bridge is connected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SECONDAY_BUS_NUMBER or SBUSNUM

Subordinate Bus Number attribute

Description
The number of the highest numbered bus that exists behind the bridge.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBORDINATE_BUS_NUMBER or SUBBUSN

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

PCI Device attribute group

Reports the capabilities of a PCI device controller on a card.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the PCI Device attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
A user friendly name for the device

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Id attribute

Description
The device identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_ID or OID

Object Type attribute

Description
The type of resource that is contained within this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALCSTAT

Health State attribute

Description
This attribute expresses the health of this device but not necessarily that of its subcomponents. The possible values are 0 to 30, where 5 means the resource is completely healthy and 30 means the resource is completely non-functional.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of this device

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Max Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAX_NUMBER_CONTROLLED or MAXCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PRTOSUP

Time Of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

Cache Line Size attribute

Description
The system-cache line size in doubleword increments. For example, a 486-based system stores the 04h value, indicating a cache line size of four doublewords.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CACHE_LINE_SIZE or CLINESZ

Class Code attribute

Description
Register of 8 bits that identifies the basic function of the PCI device. This property is only the upper byte (offset 0Bh) of the 3-byte class code field.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CLASS_CODE or CLSSCOD

Device Select Timing attribute

Description
The slowest device-select timing for a target device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_SELECT_TIMING or DEVTIME

Expansion ROM Base Address attribute

Description
The doubleword expansion ROM-based memory address.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EXPANSION_ROM_BASE_ADDRESS or XROMBAS

Interrupt Pin attribute

Description
The PCI interrupt request pin (INTA# to INTD#) to which a PCI functional device is connected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INTERRUPT_PIN or INTRPIN

Latency Timer attribute

Description
The minimum amount of time, in PCI clock cycles, that the bus master can retain ownership of the bus.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LATENCY_TIMER or LTNCYTM

Self Test Enabled attribute

Description
Indicates whether the PCI device can perform the self-test function. Returns bit 7 of the BIST register as a Boolean value.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SELF_TEST_ENABLED or SLFTSTE

Base Address attribute

Description
A string representing the base-memory address.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BASE_ADDRESS or BASADDR

Max Latency attribute

Description
Indicates how often the device requires access to the PCI bus in 250 nanoseconds.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAX_LATENCY or MXLTNCY

Min Grant Time attribute

Description
Indicates how long the bus master retains PCI-bus ownership whenever it initiates a transaction.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MIN_GRANT_TIME or MIGTIME

Revision ID attribute

Description
The identifier of the revision level.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REVISION_ID or REVID

Subsystem ID attribute

Description
The subsystem identifier code.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBSYSTEM_ID or SUBID

Subsystem Vendor ID attribute

Description
The identifier of the subsystem vendor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBSYSTEM_VENDOR_ID or SUBVNID

Vendor ID attribute

Description
The identifier of the vendor

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_ID or VENDID

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

PCI Device Group View attribute group

Reports the capabilities of a PCI device controller on a card.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the PCI Device Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
A user friendly name for the device

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Id attribute - This attribute is a key attribute.

Description
The device identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_ID or OID

Object Type attribute

Description
The type of resource that is contained within this device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALCSTAT

Health State attribute

Description
This attribute expresses the health of this device but not necessarily that of its subcomponents. The possible values are 0 to 30, where 5 means the resource is completely healthy and 30 means the resource is completely non-functional.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of this device

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Max Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAX_NUMBER_CONTROLLED or MAXCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PRTOSUP

Time Of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

Cache Line Size attribute

Description
The system-cache line size in doubleword increments. For example, a 486-based system stores the 04h value, indicating a cache line size of four doublewords.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CACHE_LINE_SIZE or CLINESZ

Class Code attribute

Description
Register of 8 bits that identifies the basic function of the PCI device. This property is only the upper byte (offset 0Bh) of the 3-byte class code field.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CLASS_CODE or CLSSCOD

Device Select Timing attribute

Description
The slowest device-select timing for a target device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_SELECT_TIMING or DEVTIME

Expansion ROM Base Address attribute

Description
The doubleword expansion ROM-based memory address.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EXPANSION_ROM_BASE_ADDRESS or XROMBAS

Interrupt Pin attribute

Description
The PCI interrupt request pin (INTA# to INTD#) to which a PCI functional device is connected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INTERRUPT_PIN or INTRPIN

Latency Timer attribute

Description
The minimum amount of time, in PCI clock cycles, that the bus master can retain ownership of the bus.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LATENCY_TIMER or LTNCYTM

Self Test Enabled attribute

Description
Indicates whether the PCI device can perform the self-test function. Returns bit 7 of the BIST (built-in self-test) register as a Boolean value.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SELF_TEST_ENABLED or SLFTSTE

Base Address attribute

Description
A string representing the base-memory address.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BASE_ADDRESS or BASADDR

Max Latency attribute

Description
Indicates how often the device requires access to the PCI bus in 250 nanoseconds.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAX_LATENCY or MXLTNCY

Min Grant Time attribute

Description
Indicates how long the bus master retains PCI-bus ownership whenever it initiates a transaction.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MIN_GRANT_TIME or MIGTIME

Revision ID attribute

Description
The identifier of the revision level.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REVISION_ID or REVID

Subsystem ID attribute

Description
The subsystem identifier code.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBSYSTEM_ID or SUBID

Subsystem Vendor ID attribute

Description
The subsystem vendor ID.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBSYSTEM_VENDOR_ID or SUBVNID

Vendor ID attribute

Description
The identifier of the vendor

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_ID or VENDID

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Performance Object Status attribute group

The Performance Object Status attribute group contains information that reflects the status of other attribute groups so you can see the status of all of the performance objects that make up this application all at once. Each of these other performance attribute groups is represented by a row in this table (or other type of view). The status for an attribute group reflects the result of the last attempt to collect data for that attribute group, which allows you to see whether the agent is performing correctly. Unlike other attribute groups, the Performance Object Status attribute group does not reflect the state of the monitored application. This attribute group is most often used to determine why data is not available for one of the performance attribute groups.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Performance Object Status attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Query Name attribute - This attribute is a key attribute.

Description
The name of the attribute group.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
QUERY_NAME or ATTRGRP

Object Name attribute

Description
The name of the performance object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_NAME or OBJNAME

Object Type attribute

Description
The type of the performance object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Object Status attribute

Description
The status of the performance object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_STATUS or OBJSTTS

Error Code attribute

Description
The error code associated with the query

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ERROR_CODE or ERRCODE

Last Collection Start attribute

Description
The most recent time a data collection of this group started

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_COLLECTION_START or COLSTRT

Last Collection Finished attribute

Description
The most recent time a data collection of this group finished

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_COLLECTION_FINISHED or COLFINI

Last Collection Duration attribute

Description
The duration of the most recently completed data collection of this group in seconds

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_COLLECTION_DURATION or COLDURA

Average Collection Duration attribute

Description
The average duration of all data collections of this group in seconds

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AVERAGE_COLLECTION_DURATION or COLAVGD

Refresh Interval attribute

Description
The interval at which this group is refreshed in seconds

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REFRESH_INTERVAL or REFRINT

Number of Collections attribute

Description
The number of times this group has been collected since agent start

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_COLLECTIONS or NUMCOLL

Cache Hits attribute

Description
The number of times an external data request for this group was satisfied from the cache

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CACHE_HITS or CACHEHT

Cache Misses attribute

Description
The number of times an external data request for this group was not available in the cache

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CACHE_MISSES or CACHEMS

Cache Hit Percent attribute

Description
The percentage of external data requests for this group that were satisfied from the cache

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CACHE_HIT_PERCENT or CACHPCT

Intervals Skipped attribute

Description
The number of times a background data collection for this group was skipped because the previous collection was still running when the next one was due to start

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INTERVALS_SKIPPED or INTSKIP

Physical Connector attribute group

Reports any physical resource that is used to connect to other resources. Any object that can be used to connect and transmit signals or power between two or more physical resources is a member of this class.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Physical Connector attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Connector Gender attribute

Description
The gender of the connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_GENDER or CONGEND

Connector Layout attribute

Description
Type of packaging normally associated with this type of connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_LAYOUT or CONLAY

Connector Pinout attribute

Description
A free-form string describing the pin configuration or signal usage of a physical connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_PINOUT or CONPIN

Number of Physical Pins attribute

Description
Indicates the number of physical pins (male and female) that are present on this connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_PHYSICAL_PINS or NUMPIN

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Physical Connector Group View attribute group

Reports any physical resource that is used to connect to other resources. Any object that can be used to connect and transmit signals or power between two or more physical resources is a member of this class.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Physical Connector Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Connector Gender attribute

Description
The gender of the connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_GENDER or CONGEND

Connector Layout attribute

Description
Type of packaging normally associated with this type of connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_LAYOUT or CONLAY

Connector Pinout attribute

Description
A free-form string describing the pin configuration or signal usage of a physical connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_PINOUT or CONPIN

Number of Physical Pins attribute

Description
Indicates the number of physical pins (male and female) that are present on this connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_PHYSICAL_PINS or NUMPIN

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Physical Frame attribute group

Reports a superclass of rack, chassis and other frame enclosures, as they are defined in extension classes. Properties such as visible or audible alarm, and data related to security breaches are in this superclass.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Physical Frame attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Package GUID attribute

Description
A globally unique identifier (GUID) for the package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_GUID or PAKGUID

Package Type attribute

Description
The type of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_TYPE or PKGTYP

Removal Conditions attribute

Description
The removal conditions property describes the guidelines under which a physical package can be removed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVAL_CONDITIONS or REMCOND

Width attribute

Description
The total width of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WIDTH

Audible Alarm attribute

Description
Indicates whether the frame is equipped with an audible alarm.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUDIBLE_ALARM or AUDALRM

Physical Frame is Locked attribute

Description
Indicates whether the frame is locked.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PHYSICAL_FRAME_IS_LOCKED or FRAMLOK

Lock Present attribute

Description
Indicates whether the frame is protected with a lock.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCK_PRESENT or LOKPRES

Security Breach attribute

Description
An enumerated, integer-valued property indicating whether a physical breach of the frame was attempted but unsuccessful (value=4), or attempted and successful (value=5).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SECURITY_BREACH or SECBREC

Service Philosophy attribute

Description
An enumerated array that indicates whether the frame is serviced from the top (value=2), front (3), back (4) or side (5); whether it has sliding trays (6) or removable sides (7); and whether the frame is moveable (8), for example, has rollers.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERVICE_PHILOSOPHY or SEVPHIL

Visible Alarm attribute

Description
Indicates whether the equipment includes a visible alarm.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VISIBLE_ALARM or VISALRM

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Input Current Type attribute

Description
Indicates whether the input voltage required by the package in the slot is AC or DC.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INPUT_CURRENT_TYPE or INCRTYP

Input Voltage (mv) attribute

Description
The input voltage in millivolts required by the rack.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INPUT_VOLTAGE_MILLIVOLTS or INVLT

Physical Frame Group View attribute group

Reports a superclass of rack, chassis and other frame enclosures, as they are defined in extension classes. Properties such as visible or audible alarm, and data related to security breaches are in this superclass.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Physical Frame Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Package GUID attribute

Description
A globally unique identifier (GUID) for the package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_GUID or PAKGUID

Package Type attribute

Description
The type of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_TYPE or PKGTYP

Removal Conditions attribute

Description
The removal conditions property describes the guidelines under which a physical package can be removed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVAL_CONDITIONS or REMCOND

Width attribute

Description
The total width of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WIDTH

Audible Alarm attribute

Description
Indicates whether the frame is equipped with an audible alarm.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUDIBLE_ALARM or AUDALRM

Physical Frame is Locked attribute

Description
Indicates whether the frame is locked.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PHYSICAL_FRAME_IS_LOCKED or FRAMLOK

Lock Present attribute

Description
Indicates whether the frame is protected with a lock.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCK_PRESENT or LOKPRES

Security Breach attribute

Description
An enumerated, integer-valued property indicating whether a physical breach of the frame was attempted but unsuccessful (value=4), or attempted and successful (value=5).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SECURITY_BREACH or SECBREC

Service Philosophy attribute

Description
An enumerated array that indicates whether the frame is serviced from the top (value=2), front (3), back (4) or side (5); whether it has sliding trays (6) or removable sides (7); and whether the frame is moveable (8), for example, has rollers.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERVICE_PHILOSOPHY or SEVPHIL

Visible Alarm attribute

Description
Indicates whether the equipment includes a visible alarm.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VISIBLE_ALARM or VISALRM

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Input Current Type attribute

Description
Indicates whether the input voltage required by the package in the slot is AC or DC.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INPUT_CURRENT_TYPE or INCRTYP

Input Voltage (mv) attribute

Description
The input voltage in millivolts required by the rack.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INPUT_VOLTAGE_MILLIVOLTS or INVLT

Physical Link attribute group

The cabling of physical resources together.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Physical Link attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Media Type attribute

Description
The particular type of media through which transmission signals pass.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEDIA_TYPE or MEDTYPE

Wired attribute

Description
Indicates whether the physical link is a cable or a wireless connection.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WIRED

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Physical Link Group View attribute group

Reports the cabling of physical resources together.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Physical Link Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource. It can contain information, such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Media Type attribute

Description
The particular type of media through which transmission signals pass.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEDIA_TYPE or MEDTYPE

Wired attribute

Description
Indicates whether the physical link is a cable or a wireless connection.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WIRED

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Physical Memory attribute group

Reports a subclass of chip, representing low-level memory devices such as SIMMS, DIMMs, and raw memory chips.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Physical Memory attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Removal Conditions attribute

Description
The removal conditions property describes the guidelines under which a physical component can be removed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVAL_CONDITIONS or REMCOND

Form Factor attribute

Description
The implementation form factor for the chip.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FORM_FACTOR or FRMFCTR

Bank Label attribute

Description
The physically labeled bank where the memory is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BANK_LABEL or BANKLAB

Capacity (bytes) attribute

Description
The total capacity of this physical memory, in bytes.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_BYTES or CAPACTY

Data Width (bits) attribute

Description
Data width of the physical memory, in bits.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_WIDTH_BITS or DATAWID

Interleave Position attribute

Description
The position of this physical memory in an interleave.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INTERLEAVE_POSITION or INTPOS

Memory Type attribute

Description
The type of physical memory.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEMORY_TYPE or MEMTYPE

Position in Row attribute

Description
Specifies the position of the physical memory in a row.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
POSITION_IN_ROW or POSIROW

Speed (ns) attribute

Description
The speed of the physical memory, in nanoseconds.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SPEED_NANOSECONDS or SPEED

Total Width (bits) attribute

Description
Total width, in bits, of the physical memory, including check or error-correction bits.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_WIDTH_BITS or TOTWIDT

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Physical Memory Group View attribute group

Reports a subclass of chip, representing low-level memory devices such as SIMMS, DIMMs, and raw memory chips.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Physical Memory Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information, such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Removal Conditions attribute

Description
The removal conditions property describes the guidelines under which a physical component can be removed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVAL_CONDITIONS or REMCOND

Form Factor attribute

Description
The implementation form factor for the chip.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FORM_FACTOR or FRMFCTR

Bank Label attribute

Description
The physically-labeled bank where the memory is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BANK_LABEL or BANKLAB

Capacity (bytes) attribute

Description
The total capacity of this physical memory, in bytes.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_BYTES or CAPACTY

Data Width (bits) attribute

Description
Data width of the physical memory, in bits.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_WIDTH_BITS or DATAWID

Interleave Position attribute

Description
The position of this physical memory in an interleave.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INTERLEAVE_POSITION or INTPOS

Memory Type attribute

Description
The type of physical memory.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MEMORY_TYPE or MEMTYPE

Position in Row attribute

Description
Specifies the position of the physical memory in a row.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
POSITION_IN_ROW or POSIROW

Speed (ns) attribute

Description
The speed of the physical memory, in nanoseconds.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SPEED_NANOSECONDS or SPEED

Total Width (bits) attribute

Description
Total width, in bits, of the physical memory, including check or error-correction bits.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_WIDTH_BITS or TOTWIDT

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Physical Package attribute group

Reports physical resources that contain or host other components. Examples of physical packages include rack enclosures and cards.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Physical Package attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Package GUID attribute

Description
A globally unique identifier (GUID) for the package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_GUID or PAKGUID

Package Type attribute

Description
The type of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_TYPE or PKGTYP

Removal Conditions attribute

Description
The removal conditions property describes the guidelines under which a physical package can be removed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVAL_CONDITIONS or REMCOND

Width attribute

Description
The total width of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WIDTH

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Physical Package Group View attribute group

Reports physical resources that contain or host other components. Examples of physical packages include rack enclosures and cards.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Physical Package Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Package GUID attribute

Description
A globally unique identifier (GUID) for the package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_GUID or PAKGUID

Package Type attribute

Description
The physical package type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_TYPE or PKGTYP

Removal Conditions attribute

Description
The removal conditions property describes the guidelines under which a physical package can be removed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
REMOVAL_CONDITIONS or REMCOND

Width attribute

Description
The total width of the physical package.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WIDTH

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Physical Port attribute group

Physical port represents the physical representation of a port on a card.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Physical Port attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Connector Gender attribute

Description
The gender of the connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_GENDER or CONGEND

Connector Layout attribute

Description
Type of packaging normally associated with this type of connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_LAYOUT or CONLAY

Connector Pinout attribute

Description
A free-form string describing the pin configuration or signal usage of a physical connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_PINOUT or CONPIN

Number of Physical Pins attribute

Description
Indicates the number of physical pins (male and female) that are present on this connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_PHYSICAL_PINS or NUMPIN

Port Number attribute

Description
Represents the physical port number

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT_NUMBER or PORTNUM

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Physical Port Group View attribute group

Physical port represents the physical representation of a port on a card.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Physical Port Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Connector Gender attribute

Description
The gender of the connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_GENDER or CONGEND

Connector Layout attribute

Description
Type of packaging normally associated with this type of connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_LAYOUT or CONLAY

Connector Pinout attribute

Description
A free-form string describing the pin configuration or signal usage of a physical connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_PINOUT or CONPIN

Number of Physical Pins attribute

Description
Indicates the number of physical pins (male and female) that are present on this connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_PHYSICAL_PINS or NUMPIN

Port Number attribute

Description
Represents the physical port number.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT_NUMBER or PORTNUM

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Physical Volume attribute group

This class represents a storage extent that is the volume representation of a physical disk such as a disk drive, tape drive or optical drive.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Physical Volume attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this volume was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Block Size attribute

Description
The size (in bytes) of the blocks that form this storage extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BLOCK_SIZE or BLOKSIZ

Capacity (GB) attribute

Description
Reports the capacity of the extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_GIGABYTES or CAPACTY

Consumable Blocks attribute

Description
The maximum number of blocks, of size BlockSize, that are available for consumption when layering storage extents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONSUMABLE_BLOCKS or CNSBLOK

Data Organization attribute

Description
The type of data organization used.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_ORGANIZATION or DATAORG

Data Redundancy attribute

Description
The number of complete copies of data currently maintained.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_REDUNDANCY or DTREDUN

Delta Reservation attribute

Description
The current value for delta reservation.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DELTA_RESERVATION or DELTARS

Free Space (GB) attribute

Description
The amount of storage that has not been allocated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_SPACE_GIGABYTES or FREESPC

Number of Blocks attribute

Description
The total number of logically contiguous blocks, of size BlockSize, that form this extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_BLOCKS or NUMBLOK

Package Redundancy attribute

Description
The number of physical packages that currently can fail without data loss.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_REDUNDANCY or PKGREDN

Sequential Access attribute

Description
Indicates whether the storage is sequentially accessed by a media access device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEQUENTIAL_ACCESS or SQNACC

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Access Type attribute

Description
Indicates whether the media is readable, writeable, or both.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCESS

Is Compressed attribute

Description
Indicates whether the storage is compressed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_COMPRESSED or ISCOMP

Is Multi Path attribute

Description
Indicates whether the storage is a multipath unit.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_MULTI_PATH or ISMTLPT

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Physical Volume Group View attribute group

This class represents a storage extent that is the volume representation of a physical disk such as a disk drive, tape drive or optical drive.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Physical Volume Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this volume was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Block Size attribute

Description
The size (in bytes) of the blocks that form this storage extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BLOCK_SIZE or BLOKSIZ

Capacity (GB) attribute

Description
Reports the capacity of the extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_GIGABYTES or CAPACTY

Consumable Blocks attribute

Description
The maximum number of blocks, of size BlockSize, that are available for consumption when layering storage extents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONSUMABLE_BLOCKS or CNSBLOK

Data Organization attribute

Description
The type of data organization used.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_ORGANIZATION or DATAORG

Data Redundancy attribute

Description
The number of complete copies of data currently maintained.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_REDUNDANCY or DTREDUN

Delta Reservation attribute

Description
The current value for delta reservation.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DELTA_RESERVATION or DELTARS

Free Space (GB) attribute

Description
The amount of storage that has not been allocated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_SPACE_GIGABYTES or FREESPC

Number of Blocks attribute

Description
The total number of logically contiguous blocks, of size BlockSize, that form this extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_BLOCKS or NUMBLOK

Package Redundancy attribute

Description
The number of physical packages that currently can fail without data loss.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_REDUNDANCY or PKGREDN

Sequential Access attribute

Description
Indicates whether the storage is sequentially accessed by a media access device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEQUENTIAL_ACCESS or SQNACC

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Access Type attribute

Description
Indicates whether the media is readable, writeable or both.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCESS

Is Compressed attribute

Description
Indicates whether the storage is compressed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_COMPRESSED or ISCOMP

Is Multi Path attribute

Description
Indicates whether the storage is a multipath unit.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_MULTI_PATH or ISMTLPT

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Pointing Device attribute group

Reports devices used to point to regions of a display.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Pointing Device attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this device was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Device is Locked attribute

Description
Indicates whether the device is locked, therefore preventing user input or output.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_IS_LOCKED or ISLOCKD

Double Click Rate attribute

Description
The rate at which double-click effects of the device take effect.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DOUBLE_CLICK_RATE or DBLCLK

Handedness attribute

Description
Indicates whether the pointing device is configured for right-handed (value=2) or left-handed operation (value=3).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HANDEDNESS or HANDNES

Number of Buttons attribute

Description
The number of buttons on the pointing device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_BUTTONS or NBUTTON

Pointing Type attribute

Description
The type of the pointing device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
POINTING_TYPE or POINTTP

Resolution attribute

Description
The tracking resolution of the pointing device in counts per inch.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RESOLUTION or RESLNT

Sensitivity attribute

Description
The sensitivity level to movements of the pointing device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SENSITIVITY or SENSTVT

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Pointing Device Group View attribute group

Reports devices used to point to regions of a display.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Pointing Device Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this device was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Device is Locked attribute

Description
Indicates whether the device is locked, therefore preventing user input or output.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEVICE_IS_LOCKED or ISLOCKD

Double Click Rate attribute

Description
The rate at which double-click effects of the device take effect.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DOUBLE_CLICK_RATE or DBLCLK

Handedness attribute

Description
Indicates whether the pointing device is configured for right-handed (value=2) or left-handed operation (value=3).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HANDEDNESS or HANDNES

Number of Buttons attribute

Description
The number of buttons on the pointing device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_BUTTONS or NBUTTON

Pointing Type attribute

Description
The type of the pointing device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
POINTING_TYPE or POINTTP

Resolution attribute

Description
The tracking resolution of the pointing device in counts per inch.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RESOLUTION or RESLNT

Sensitivity attribute

Description
The sensitivity level to movements of the pointing device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SENSITIVITY or SENSTVT

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Port Controller attribute group

Reports a logical device corresponding to a hardware network port controller. Port controllers provide various features depending on their types and versions.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Port Controller attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Maximum Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_NUMBER_CONTROLLED or MAXNCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PROTOSUP

Time of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

Controller Type attribute

Description
The type or model of the port controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONTROLLER_TYPE or CONTTYP

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Port Controller Group View attribute group

Reports a logical device corresponding to a hardware network port controller. Port controllers provide various features depending on their types and versions.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Port Controller Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Maximum Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_NUMBER_CONTROLLED or MAXNCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PROTOSUP

Time of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

Controller Type attribute

Description
The type or model of the port controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONTROLLER_TYPE or CONTTYP

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Printer attribute group

Reports the capabilities of the printer logical device.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Printer attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this printer was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Port attribute

Description
The port used to communicate with the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT

Queue attribute

Description
The name of the queue created for the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
QUEUE

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Printer Group View attribute group

Reports the capabilities of the printer logical device.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Printer Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this printer was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Port attribute

Description
The port used to communicate with the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT

Queue attribute

Description
The name of the queue created for the printer.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
QUEUE

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Processor attribute group

The capabilities of the processor logical device.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Processor attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this processor was last modified.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the processor.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the processor.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the processor.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Address Width (bits) attribute

Description
The processor address width, in bits.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ADDRESS_WIDTH_BITS or ADDRWID

Current Clock Speed (MHz) attribute

Description
The current speed (in MHz) of this processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_CLOCK_SPEED_MEGAHERTZ or CLKSPD

Data Width (bits) attribute

Description
The processor data width, in bits.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_WIDTH_BITS or DATAWID

Family attribute

Description
The processor family type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FAMILY

Maximum Clock Speed (MHz) attribute

Description
The maximum speed (in MHz) of this processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_CLOCK_SPEED_MEGAHERTZ or MCLKSPD

Number of Enabled Cores attribute

Description
The number of cores for the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_ENABLED_CORES or NCORES

Unique ID attribute

Description
A globally unique identifier for the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
UNIQUE_ID or UNIQID

Virtual Address attribute

Description
The address assigned to this virtual allocation of a processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VIRTUAL_ADDRESS or VIRTADD

Virtual Unique Identifier attribute

Description
The unique identifier assigned to this virtual allocation of a processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VIRTUAL_UNIQUE_IDENTIFIER or VTUNQID

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Processor Group View attribute group

Reports the capabilities of the processor logical device.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Processor Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this processor was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Address Width (bits) attribute

Description
The processor address width, in bits.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ADDRESS_WIDTH_BITS or ADDRWID

Current Clock Speed (MHz) attribute

Description
The current speed (in MHz) of this processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_CLOCK_SPEED_MEGAHERTZ or CLKSPD

Data Width (bits) attribute

Description
The processor data width, in bits.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_WIDTH_BITS or DATAWID

Family attribute

Description
The processor family type.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FAMILY

Maximum Clock Speed (MHz) attribute

Description
The maximum speed (in MHz) of this processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_CLOCK_SPEED_MEGAHERTZ or MCLKSPD

Number of Enabled Cores attribute

Description
The number of cores for the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_ENABLED_CORES or NCORES

Unique ID attribute

Description
A globally unique identifier for the processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
UNIQUE_ID or UNIQID

Virtual Address attribute

Description
The address assigned to this virtual allocation of a processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VIRTUAL_ADDRESS or VIRTADD

Virtual Unique Identifier attribute

Description
The unique identifier assigned to this virtual allocation of a processor.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VIRTUAL_UNIQUE_IDENTIFIER or VTUNQID

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

RAID Controller attribute group

Reports a hardware device such as a disk controller or chip set, or software that supports one or more RAID configurations.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the RAID Controller attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
The access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
The communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

Version Matching attribute

Description
Represents the type of version matching.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION_MATCHING or VERMATC

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

RAID Controller Group View attribute group

Reports a hardware device such as a disk controller or chip set, or software that supports one or more RAID configurations.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the RAID Controller Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
Reports the access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
Reports the communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
Reports the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
Reports the operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

Version Matching attribute

Description
Represents the type of version matching.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION_MATCHING or VERMATC

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Remote Service Access Point attribute group

Reports access or addressing information for a remote connection that is known to a local network resource.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Remote Service Access Point attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access Class attribute

Description
Specifies the management application class name of access point that is reported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_CLASS or ACCLASS

Access Information attribute

Description
The access or addressing information or a combination of this information for a remote connection.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_INFORMATION or ACINFO

Access State attribute

Description
Describes the type of access to the system, such as Unknown, Not Available, Full Access ,Partial Access, No Access.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Access Type attribute

Description
Specifies the type of access point that is reported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCTYP

Communication State attribute

Description
The communication state for the remote service access point.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Port attribute

Description
The port number for the remote service access point.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT

Port Protocol attribute

Description
The remote service access point port protocol.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT_PROTOCOL or PORTPRO

Version attribute

Description
Specifies the version of the remote service access point.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Remote Service Access Point Group View attribute group

Reports access or addressing information for a remote connection that is known to a local network resource.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Remote Service Access Point Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access Class attribute

Description
Specifies the management application class name of access point that is reported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_CLASS or ACCLASS

Access Information attribute

Description
The access or addressing information or a combination of this information for a remote connection.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_INFORMATION or ACINFO

Access State attribute

Description
Describes the type of access to the system, such as Unknown, Not Available, Full Access, Partial Access, No Access.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Access Type attribute

Description
Specifies the type of access point that is reported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCTYP

Communication State attribute

Description
The communication state for the remote service access point.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Port attribute

Description
The port number for the remote service access point.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT

Port Protocol attribute

Description
Reports the remote service access point port protocol.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT_PROTOCOL or PORTPRO

Version attribute

Description
Specifies the version of the remote service access point.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

SAS Port attribute group

Reports the port of a serial attached SCSI device to a system connection.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the SAS Port attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Active Maximum Transmission Unit attribute

Description
The active or negotiated maximum transmission unit (MTU) that can be supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACTIVE_MAXIMUM_TRANSMISSION_UNIT or AMTUNIT

Auto Sense attribute

Description
Indicates whether the network port is capable of automatically determining the speed or other communication characteristics of the attached network media.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTO_SENSE or AUTOSEN

Enabled attribute

Description
Indicates whether the network port is enabled.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENABLED

Full Duplex attribute

Description
Indicates whether the network port is operating in full duplex mode.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FULL_DUPLEX or FULLDUP

Link Technology attribute

Description
An enumeration of the types of links.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LINK_TECHNOLOGY or LNKTECH

Maximum Speed (bps) attribute

Description
The maximum bandwidth of the network port (in bits per second).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_SPEED_BITS_PER_SECOND or MAXSPEED

Network Addresses attribute

Description
An array of strings that indicate the network addresses for the network port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NETWORK_ADDRESSES or NETADDR

Permanent Address attribute

Description
The network address that is hardcoded into a network port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PERMANENT_ADDRESS or PRMADDR

Port Number attribute

Description
Network ports are often numbered relative to either a logical module or a network resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT_NUMBER or PORTNUM

Speed (bps) attribute

Description
The bandwidth of the network port (in bits per second).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SPEED_BITS_PER_SECOND or SPEED

Supported Maximum Transmission Unit attribute

Description
The maximum transmission unit (MTU) that can be supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUPPORTED_MAXIMUM_TRANSMISSION_UNIT or SMTUNIT

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

SAS Port Group View attribute group

Reports the port of a serial attached SCSI device to a system connection.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the SAS Port Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Active Maximum Transmission Unit attribute

Description
The active or negotiated maximum transmission unit (MTU) that can be supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACTIVE_MAXIMUM_TRANSMISSION_UNIT or AMTUNIT

Auto Sense attribute

Description
Indicates whether the network port is capable of automatically determining the speed or other communication characteristics of the attached network media.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTO_SENSE or AUTOSEN

Enabled attribute

Description
Indicates whether the network port is enabled.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENABLED

Full Duplex attribute

Description
Indicates whether the network port is operating in full duplex mode.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FULL_DUPLEX or FULLDUP

Link Technology attribute

Description
An enumeration of the types of links.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LINK_TECHNOLOGY or LNKTECH

Maximum Speed (bps) attribute

Description
The maximum bandwidth of the network port (in bits per second).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_SPEED_BITS_PER_SECOND or MAXSPEED

Network Addresses attribute

Description
An array of strings that indicate the network addresses for the network port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NETWORK_ADDRESSES or NETADDR

Permanent Address attribute

Description
The network address that is hardcoded into a network port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PERMANENT_ADDRESS or PRMADDR

Port Number attribute

Description
Network ports are often numbered relative to either a logical module or a network resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT_NUMBER or PORTNUM

Speed (bps) attribute

Description
The bandwidth of the network port (in bits per second).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SPEED_BITS_PER_SECOND or SPEED

Supported Maximum Transmission Unit attribute

Description
The maximum transmission unit (MTU) that can be supported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUPPORTED_MAXIMUM_TRANSMISSION_UNIT or SMTUNIT

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
The managed system subnode name.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

SCSI Protocol Endpoint attribute group

The protocol (command) aspects of a logical SCSI port independent of the connection or transport.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the SCSI Protocol Endpoint attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the protocol resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Connection Type attribute

Description
The supported connection type for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTION_TYPE or CONNTYP

ISCSI Resource Role attribute

Description
For iSCSI, each SCSI protocol resource must act as either a target or an initiator resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ISCSI_RESOURCE_ROLE or ISCSIRR

Target Relative Port Number attribute

Description
For ports on a target device, the port number, relative to the storage system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TARGET_RELATIVE_PORT_NUMBER or TRPORTN

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Auto Start attribute

Description
Indicates whether the protocol endpoint is automatically started.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTO_START or AUTOSTR

Last Updated Date attribute

Description
The time of the most recent change to the configuration for this protocol endpoint.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_UPDATED_DATE or LSCFGUD

SCSI Protocol Endpoint Group View attribute group

Reports the protocol (command) aspects of a logical SCSI port independent of the connection or transport.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the SCSI Protocol Endpoint Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the protocol resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Connection Type attribute

Description
The supported connection type for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTION_TYPE or CONNTYP

ISCSI Resource Role attribute

Description
For iSCSI, each SCSI protocol resource must act as either a target or an initiator resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ISCSI_RESOURCE_ROLE or ISCSIRR

Target Relative Port Number attribute

Description
For ports on a target device, the port number, relative to the storage system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TARGET_RELATIVE_PORT_NUMBER or TRPORTN

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Auto Start attribute

Description
Indicates whether the protocol endpoint is automatically started.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTO_START or AUTOSTR

Last Updated Date attribute

Description
The time of the most recent change to the configuration for this protocol endpoint.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_UPDATED_DATE or LSCFGUD

Serial Controller attribute group

Reports the capabilities of a serial controller.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Serial Controller attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Maximum Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_NUMBER_CONTROLLED or MAXNCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PROTOSUP

Time of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

Maximum Baud Rate (bps) attribute

Description
The maximum baud rate, in bits per second, that is supported by the serial controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_BAUD_RATE_BITS_PER_SECOND or MAXBAUD

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Serial Controller Group View attribute group

Reports the capabilities of a serial controller.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Serial Controller Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Maximum Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_NUMBER_CONTROLLED or MAXNCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PROTOSUP

Time of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

Maximum Baud Rate (bps) attribute

Description
The maximum baud rate, in bits per second, that is supported by the serial controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_BAUD_RATE_BITS_PER_SECOND or MAXBAUD

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Server attribute group

Indicates a class derived from the ComputerSystem class that represents a single node computer system such as a desktop, mobile or NetPC.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Server attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
The access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
The communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

Virtual Machine Identifier attribute

Description
The virtual identifier for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VIRTUAL_MACHINE_IDENTIFIER or VMID

Virtual System attribute

Description
Specifies whether the computer system is a virtualized system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VIRTUAL_SYSTEM or VIRTSYS

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Hypervisor Platform Type attribute

Description
The type of hypervisor platform.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HYPERVISOR_PLATFORM_TYPE or HVPLTYP

Hypervisor Platform Version attribute

Description
The hypervisor platform version number.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HYPERVISOR_PLATFORM_VERSION or HVPLVER

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Server Group View attribute group

Indicates a class derived from the ComputerSystem class that represents a single node computer system such as a desktop, a mobile, or a NetPC.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Server Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
Reports the access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
Reports the communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
Reports the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
Reports the operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

Virtual Machine Identifier attribute

Description
The virtual identifier for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VIRTUAL_MACHINE_IDENTIFIER or VMID

Virtual System attribute

Description
Specifies whether the computer system is a virtualized system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VIRTUAL_SYSTEM or VIRTSYS

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Hypervisor Platform Type attribute

Description
The type of hypervisor platform.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HYPERVISOR_PLATFORM_TYPE or HVPLTYP

Hypervisor Platform Version attribute

Description
The hypervisor platform version number.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HYPERVISOR_PLATFORM_VERSION or HVPLVER

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Slot attribute group

Reports connectors into which packages are inserted. For example, a physical package that is a disk drive can be inserted into an SCA slot.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Slot attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Connector Gender attribute

Description
The gender of the connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_GENDER or CONGEND

Connector Layout attribute

Description
Type of packaging normally associated with this type of connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_LAYOUT or CONLAY

Connector Pinout attribute

Description
A free-form string describing the pin configuration or signal usage of a physical connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_PINOUT or CONPIN

Number of Physical Pins attribute

Description
Indicates the number of physical pins (male and female) that are present on this connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_PHYSICAL_PINS or NUMPIN

Bus Number attribute

Description
The bus number where this PCI device is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BUS_NUMBER or BUSNUM

Connector Type attribute

Description
Represents the type of connector that is in the slot.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_TYPE or CONNTYP

Height Allowed (in) attribute

Description
Maximum height of a card that can be inserted into the slot, in inches.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEIGHT_ALLOWED_INCHES or HEIGHTA

Length Allowed (in) attribute

Description
Maximum length of a card that can be inserted into the slot, in inches.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LENGTH_ALLOWED_INCHES or LENGTHA

Maximum Data Width (bits) attribute

Description
Maximum bus width of cards that can be inserted into this slot, in bits.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_DATA_WIDTH_BITS or MDATWID

Slot Number attribute

Description
The physical slot number, which can be used as an index into a system slot table, whether that slot is physically occupied.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SLOT_NUMBER or SLOTNUM

Open Switch attribute

Description
Indicates whether the switch state of the slot is open.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPEN_SWITCH or OPENSWT

Ordinal attribute

Description
The ordinal of the lone slot occupied by a single-wide module or the base slot of a multi-wide module is 1. The ordinal of the next slot occupied by a multi-wide module is 2, then 3, and so on, up to the width, in slots, of the module.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ORDINAL

Purpose Description attribute

Description
A free-form string describing that this slot is physically unique and can hold special types of hardware.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURPOSE_DESCRIPTION or PURPDES

Slot Designation attribute

Description
Represents what the slot has been desigated for.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SLOT_DESIGNATION or SLOTDES

Slot Types attribute

Description
Enumeration defining the types of the physical packages that can be installed into the specified slot.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SLOT_TYPES or SLOTTYP

Special Purpose Slot attribute

Description
Indicates whether the slot is physically unique and can hold special types of hardware (such as a graphics processor slot).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SPECIAL_PURPOSE_SLOT or SPECPRP

Hot Plug Supported attribute

Description
Indicates whether the slot supports hot-plug of cards.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HOT_PLUG_SUPPORTED or HOTPLUG

Thermal Rating attribute

Description
Maximum thermal dissipation of the slot, in milliwatts.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
THERMAL_RATING or THERMRT

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Label Power Input (Watts) attribute

Description
The amount of power in watts requireed from an electrical outlet going into a power supply.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LABEL_POWER_INPUT_WATTS or LPWRIN

Input Current Type attribute

Description
Indicates whether the input voltage required by the package in the slot is AC or DC.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INPUT_CURRENT_TYPE or INCRTYP

Altitude Capabilities attribute

Description
Indicates represents the Altitude capability for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALTITUDE_CAPABILITIES or ALTCAP

Auxiliary Power (Watts) attribute

Description
Indicates the auxiliary power in watts for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUXILIARY_POWER_WATTS or AUXPOWR

Unit Of Power attribute

Description
Indicates the unit of power for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
UNIT_OF_POWER or PWRUNIT

Slot Group View attribute group

Reports connectors into which packages are inserted. For example, a physical package that is a disk drive can be inserted into an SCA slot.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Slot Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Manufacture Date attribute

Description
The date that this physical resource was manufactured.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURE_DATE or MNFDAT

Manufacturer attribute

Description
The name of the organization responsible for producing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The name of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Purchase Date attribute

Description
The date the entity was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Serial Number attribute

Description
A manufacturer-allocated number used to identify the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Tag attribute

Description
An arbitrary string that uniquely identifies the physical resource and can contain information such as asset tag or serial-number data.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TAG

User Tracking attribute

Description
User-assigned and writeable asset-tracking identifier for this entity.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USER_TRACKING or USRTRAK

Vendor Type attribute

Description
A vendor-specific hardware type for the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VENDOR_TYPE or VNDTYP

Version attribute

Description
A string that indicates the version of the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Connector Gender attribute

Description
The gender of the connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_GENDER or CONGEND

Connector Layout attribute

Description
Type of packaging normally associated with this type of connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_LAYOUT or CONLAY

Connector Pinout attribute

Description
A free-form string describing the pin configuration or signal usage of a physical connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_PINOUT or CONPIN

Number of Physical Pins attribute

Description
Indicates the number of physical pins (male and female) that are present on this connector.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_PHYSICAL_PINS or NUMPIN

Bus Number attribute

Description
The bus number where this PCI device is located.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BUS_NUMBER or BUSNUM

Connector Type attribute

Description
Represents the type of connector that is in the slot.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONNECTOR_TYPE or CONNTYP

Height Allowed (in) attribute

Description
Maximum height of a card that can be inserted into the slot, in inches.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEIGHT_ALLOWED_INCHES or HEIGHTA

Length Allowed (in) attribute

Description
Maximum length of a card that can be inserted into the slot, in inches.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LENGTH_ALLOWED_INCHES or LENGTHA

Maximum Data Width (bits) attribute

Description
Maximum bus width of cards that can be inserted into this slot, in bits.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_DATA_WIDTH_BITS or MDATWID

Slot Number attribute

Description
The physical slot number, which can be used as an index into a system slot table, whether or not that slot is physically occupied.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SLOT_NUMBER or SLOTNUM

Open Switch attribute

Description
Indicates whether the switch state of the slot is open.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPEN_SWITCH or OPENSWT

Ordinal attribute

Description
The ordinal of the lone slot occupied by a single-wide module or the base slot of a multi-wide module is 1. The ordinal of the next slot occupied by a multi-wide module is 2, then 3, and so on, up to the width, in slots, of the module.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ORDINAL

Purpose Description attribute

Description
A free-form string describing that this Slot is physically unique and can hold special types of hardware.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURPOSE_DESCRIPTION or PURPDES

Slot Designation attribute

Description
Represents what the slot has been desigated for.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SLOT_DESIGNATION or SLOTDES

Slot Types attribute

Description
Enumeration defining the types of the physical packages that can be installed into the specified slot.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SLOT_TYPES or SLOTTYP

Special Purpose Slot attribute

Description
Indicates whether the slot is physically unique and can hold special types of hardware (such as a graphics processor slot).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SPECIAL_PURPOSE_SLOT or SPECPRP

Hot Plug Supported attribute

Description
Indicates whether the slot supports hot-plug of cards.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HOT_PLUG_SUPPORTED or HOTPLUG

Thermal Rating attribute

Description
Maximum thermal dissipation of the slot, in milliwatts.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
THERMAL_RATING or THERMRT

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Label Power Input (Watts) attribute

Description
The amount of power in watts requireed from an electrical outlet going into a power supply.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LABEL_POWER_INPUT_WATTS or LPWRIN

Input Current Type attribute

Description
Indicates whether the input voltage required by the package in the slot is AC or DC.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INPUT_CURRENT_TYPE or INCRTYP

Altitude Capabilities attribute

Description
Indicates the Altitude capability for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALTITUDE_CAPABILITIES or ALTCAP

Auxiliary Power (Watts) attribute

Description
Indicates the auxiliary power in watts for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUXILIARY_POWER_WATTS or AUXPOWR

Unit Of Power attribute

Description
Indicates the unit of power for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
UNIT_OF_POWER or PWRUNIT

SNMP Trap Target attribute group

SNMPTrapTarget contains information describing a remote system, to which informs and traps are sent.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the SNMP Trap Target attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access Information attribute

Description
The access or addressing information or a combination of this information for a remote connection.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_INFORMATION or ACINFO

Access Type attribute

Description
Specifies the type of access point that is reported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCTYP

Communication State attribute

Description
The communication state for the remote port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Port Info attribute

Description
Port information that might further specify the remote access information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT_INFO or PORTINF

Authenticiation attribute

Description
Whether or not Authentication is used for the trap.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTHENTICIATION or AUTHENT

Community String attribute

Description
A community string or password to send with the trap operation.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNITY_STRING or COMMSTR

Notification Type attribute

Description
This attribute represents the selection of the notification message - Traps or Informs. By default, Traps are selected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NOTIFICATION_TYPE or NOTITYP

Privacy attribute

Description
Whether Privacy is used for the trap.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIVACY

Retry Count attribute

Description
Specifies the number of retries to do for the trap.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RETRY_COUNT or RETCOUN

SNMP Version attribute

Description
The SNMP version used to send the traps or informs.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SNMP_VERSION or SNMPVER

Timeout attribute

Description
Specifies the timeout interval for the trap.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMEOUT

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

SNMP Trap Target Group View attribute group

SNMPTrapTarget contains information describing a remote system, to which informs and traps are sent.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the SNMP Trap Target Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access Information attribute

Description
The access or addressing information or a combination of this information for a remote connection.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_INFORMATION or ACINFO

Access Type attribute

Description
Specifies the type of access point that is reported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCTYP

Communication State attribute

Description
The communication state for the remote port.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Port Info attribute

Description
Port information that might further specify the remote access information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PORT_INFO or PORTINF

Authenticiation attribute

Description
Whether or not Authentication is used for the trap.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
AUTHENTICIATION or AUTHENT

Community String attribute

Description
A community string or password to send with the trap operation.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNITY_STRING or COMMSTR

Notification Type attribute

Description
Allows the selection of the notification message: traps or informs.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NOTIFICATION_TYPE or NOTITYP

Privacy attribute

Description
Whether Privacy is used for the trap.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIVACY

Retry Count attribute

Description
Specifies the number of retries to do for the trap.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RETRY_COUNT or RETCOUN

SNMP Version attribute

Description
The SNMP version used to send the traps or informs.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SNMP_VERSION or SNMPVER

Timeout attribute

Description
Specifies the timeout interval for the trap.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMEOUT

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Storage Subsystem attribute group

Reports a computer system dedicated to acting as a storage server.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Storage Subsystem attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
The access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
The communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

ANSI T10 ID attribute

Description
The SCSI identifier for the storage subsystem.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ANSI_T10_ID or ANS10ID

Storage Subsystem Failed attribute

Description
Specifies whether the storage subsystem is in a failed state.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STORAGE_SUBSYSTEM_FAILED or STGFAIL

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Storage Subsystem Group View attribute group

Reports a computer system dedicated to acting as a storage server.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Storage Subsystem Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
Reports the access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
Reports the communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
Reports the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
Reports the operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

ANSI T10 ID attribute

Description
The SCSI identifier for the storage subsystem.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ANSI_T10_ID or ANS10ID

Storage Subsystem Failed attribute

Description
Specifies whether the storage subsystem is in a failed state.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STORAGE_SUBSYSTEM_FAILED or STGFAIL

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Storage Volume attribute group

Reports a storage extent that is published for use outside of the scoping system. For SCSI storage target devices, storage volumes are used to represent target block devices.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Storage Volume attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this volume was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
The current health of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this volume represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this volume represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this volume represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Block Size (bytes) attribute

Description
The size (in bytes) of the blocks that form this storage extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BLOCK_SIZE_BYTES or BLOKSIZ

Capacity (GB) attribute

Description
The capacity of the extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_GIGABYTES or CAPACTY

Consumable Blocks attribute

Description
The maximum number of blocks, of size BlockSize, that are available for consumption when layering storage extents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONSUMABLE_BLOCKS or CNSBLOK

Data Organization attribute

Description
The type of data organization used.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_ORGANIZATION or DATAORG

Data Redundancy attribute

Description
The number of complete copies of data currently maintained.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_REDUNDANCY or DTREDUN

Delta Reservation attribute

Description
The current value for delta reservation.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DELTA_RESERVATION or DELTARS

Free Space (GB) attribute

Description
The amount of storage that has not been allocated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_SPACE_GIGABYTES or FREESPC

Number of Blocks attribute

Description
The total number of logically contiguous blocks, of size BlockSize, that form this extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_BLOCKS or NUMBLOK

Package Redundancy attribute

Description
The number of physical packages that currently can fail without data loss.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_REDUNDANCY or PKGREDN

Sequential Access attribute

Description
Indicates whether the storage is sequentially accessed by a media access device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEQUENTIAL_ACCESS or SQNACC

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Access Type attribute

Description
Indicates whether the media is readable, writeable, or both.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCESS

Is Compressed attribute

Description
Indicates whether the storage is compressed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_COMPRESSED or ISCOMP

Is Multi Path attribute

Description
Indicates whether the storage is a multipath unit.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_MULTI_PATH or ISMTLPT

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Storage Volume Group View attribute group

Reports a storage extent that is published for use outside of the scoping system. For SCSI storage target devices, storage volumes are used to represent target block devices.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Storage Volume Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this volume was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this volume represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the volume.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this volume represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this volume represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Block Size (bytes) attribute

Description
The size (in bytes) of the blocks that form this storage extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
BLOCK_SIZE_BYTES or BLOKSIZ

Capacity (GB) attribute

Description
Reports the capacity of the extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CAPACITY_GIGABYTES or CAPACTY

Consumable Blocks attribute

Description
The maximum number of blocks, of size BlockSize, that are available for consumption when layering storage extents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CONSUMABLE_BLOCKS or CNSBLOK

Data Organization attribute

Description
The type of data organization used.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_ORGANIZATION or DATAORG

Data Redundancy attribute

Description
The number of complete copies of data currently maintained.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DATA_REDUNDANCY or DTREDUN

Delta Reservation attribute

Description
The current value for delta reservation.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DELTA_RESERVATION or DELTARS

Free Space (GB) attribute

Description
The amount of storage that has not been allocated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FREE_SPACE_GIGABYTES or FREESPC

Number of Blocks attribute

Description
The total number of logically contiguous blocks, of size BlockSize, that form this extent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NUMBER_OF_BLOCKS or NUMBLOK

Package Redundancy attribute

Description
The number of physical packages that currently can fail without data loss.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PACKAGE_REDUNDANCY or PKGREDN

Sequential Access attribute

Description
Indicates whether the storage is sequentially accessed by a media access device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SEQUENTIAL_ACCESS or SQNACC

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Access Type attribute

Description
Indicates whether the media is readable, writeable, or both.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_TYPE or ACCESS

Is Compressed attribute

Description
Indicates whether the storage is compressed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_COMPRESSED or ISCOMP

Is Multi Path attribute

Description
Indicates whether the storage is a multipath unit.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IS_MULTI_PATH or ISMTLPT

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Switch attribute group

Reports a computer system dedicated to acting as a switch for network traffic.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Switch attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
The access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
The communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

Switch Type attribute

Description
The type of switch contained within, such as Ethernet.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SWITCH_TYPE or SWTCHTP

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Total Ports attribute - This attribute is a key attribute.

Description
The total number of ports on the switch.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_PORTS or TOTPRTS

Installed Ports attribute - This attribute is a key attribute.

Description
The number of installed ports on the switch.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INSTALLED_PORTS or INSPRTS

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

Switch Group View attribute group

Reports a computer system dedicated to acting as a switch for network traffic.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Switch Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
Reports the access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
Reports the communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
Reports the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
Reports the operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Primary Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_HOST_NAME or PHOSTN

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

Switch Type attribute

Description
Reports the type of switch contained within, such as Ethernet.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SWITCH_TYPE or SWTCHTP

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

Total Ports attribute - This attribute is a key attribute.

Description
The total number of ports on the switch.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TOTAL_PORTS or TOTPRTS

Installed Ports attribute - This attribute is a key attribute.

Description
The number of installed ports on the switch.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INSTALLED_PORTS or INSPRTS

FRU Number attribute

Description
Reports field-replaceable unit (FRU) ordering information.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
FRU_NUMBER or FRUNUM

System Asset Settings attribute group

Represents Asset, Lease and Warranty information for the System.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the System Asset Settings attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Asset Number attribute

Description
Represents the number assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_NUMBER or ASTNUM

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASTTAG

Lease Cost attribute

Description
Represents the total cost of the Lease.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LEASE_COST or LEASCOS

Lease End Date attribute

Description
Represents the date that the lease ends.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LEASE_END_DATE or LEASEND

Lease Start Date attribute

Description
Represents the date that the lease starts from.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LEASE_START_DATE or LEASEST

Lease Term attribute

Description
Represents the length of time of the lease.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LEASE_TERM or LEASTRM

Lessor attribute

Description
Represents the name of the company the system is being leased from.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LESSOR

Purchase Date attribute

Description
Represents the date the system was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Warranty Cost attribute

Description
Represents the total cost of the warranty.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WARRANTY_COST or WRNTYCS

Warranty Duration attribute

Description
Represents the length of the time of the warranty.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WARRANTY_DURATION or WRNTYDR

Warranty End Date attribute

Description
Represents the date that the warranty ends.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WARRANTY_END_DATE or WRNTYEN

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

System Asset Settings Group View attribute group

Represents Asset, Lease and Warranty information for the System.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the System Asset Settings Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Asset Number attribute

Description
Represents the number assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_NUMBER or ASTNUM

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASTTAG

Lease Cost attribute

Description
Represents the total cost of the Lease.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LEASE_COST or LEASCOS

Lease End Date attribute

Description
Represents the date that the lease ends.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LEASE_END_DATE or LEASEND

Lease Start Date attribute

Description
Represents the date that the lease starts from.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LEASE_START_DATE or LEASEST

Lease Term attribute

Description
Represents the length of time of the lease.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LEASE_TERM or LEASTRM

Lessor attribute

Description
Represents the name of the company the system is being leased from.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LESSOR

Purchase Date attribute

Description
Represents the data the System was purchased.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PURCHASE_DATE or PURDAT

Warranty Cost attribute

Description
Represents the total cost of the Warranty.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WARRANTY_COST or WRNTYCS

Warranty Duration attribute

Description
Represents the length of the time of the warranty.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WARRANTY_DURATION or WRNTYDR

Warranty End Date attribute

Description
Represents the date that the warranty ends.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
WARRANTY_END_DATE or WRNTYEN

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Chassis attribute group

Reports a computer system representing a modular enclosure containing blades.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the System Chassis attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
The access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
The communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
The operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HOST_NAME or HOSTNAM

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

Chassis Type attribute

Description
Enumeration defining the type of Chassis that is reported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHASSIS_TYPE or CHASTYP

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Node Name attribute

Description
The node name of the system. This value is used as a label for the node in clustering.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE_NAME or NODENAM

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Last Boot Up Time attribute

Description
The time when the system was last booted

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_BOOT_UP_TIME or LSTBTTM

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

OS Type attribute

Description
The type of operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS_TYPE or SFTTYP

OS Version attribute

Description
The operating system version

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS_VERSION or SFTVER

Label Power Input (Watts) attribute

Description
The amount of power in watts requireed from an electrical outlet going into a power supply.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LABEL_POWER_INPUT_WATTS or LPWRIN

Label Power Ouput (Watts) attribute

Description
The amount of power in watts coming out of a power supply.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LABEL_POWER_OUTPUT_WATTS or LPWROUT

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

IPv4 Address attribute

Description
The Version 4 IP addresses for this system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV4_ADDRESS or IP4ADDR

System Chassis Group View attribute group

Reports a computer system representing a modular enclosure containing blades.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the System Chassis Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Access State attribute

Description
Reports the access state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ACCESS_STATE or ACCSTAT

Communication State attribute

Description
Reports the communication state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
COMMUNICATION_STATE or COMSTAT

Detailed State attribute

Description
The complementary state that is not covered by OperatingState.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DETAILED_STATE or DETSTAT

Health State attribute

Description
Reports the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Operating State attribute

Description
Reports the operating state of the system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Primary Owner Contact attribute

Description
A string that provides information on how the primary-system owner can be reached (for example, phone number, e-mail address, and so on).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_CONTACT or PWNCONT

Primary Owner Name attribute

Description
The name of the primary-system owner.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PRIMARY_OWNER_NAME or PWNNAME

Architecture attribute

Description
The operating system architecture of the specified computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ARCHITECTURE or ARCHIT

Dedicated attribute

Description
An enumeration indicating whether the computer system is a special-purpose system (that is, dedicated to a particular use) or a general-purpose system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DEDICATED or DEDICTD

Encapsulated attribute

Description
Specifies whether the computer system is encapsulated.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ENCAPSULATED or ENCAPS

Machine Type attribute

Description
A vendor-specific hardware machine type for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MACHINE_TYPE or MACHTYP

Manufacturer attribute

Description
The name of the organization responsible for producing the hardware for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MANUFACTURER or MANUFAC

Model attribute

Description
The model number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Host Name attribute

Description
The primary host name property represents the host name by which this system is primarily known.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HOST_NAME or HOSTNAM

Serial Number attribute

Description
A manufacturer-allocated serial number for the computer system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

System Board UUID attribute

Description
The universally unique identifier given to the main system board.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_BOARD_UUID or SYSUUID

Chassis Type attribute

Description
Enumeration defining the type of Chassis that is reported.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHASSIS_TYPE or CHASTYP

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

Node Name attribute

Description
The node name of the system. This value is used as a label for the node in clustering.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE_NAME or NODENAM

Asset Tag attribute

Description
Represents the unique tag assigned for asset tracking.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ASSET_TAG or ASSETAG

Last Boot Up Time attribute

Description
The time when the system was last booted.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LAST_BOOT_UP_TIME or LSTBTTM

Part Number attribute

Description
The part number assigned by the organization that is responsible for producing or manufacturing the physical resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PART_NUMBER or PARTNUM

OS Type attribute

Description
The type of operating system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS_TYPE or SFTTYP

OS Version attribute

Description
The operating system version.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OS_VERSION or SFTVER

Label Power Input (Watts) attribute

Description
The amount of power in watts required from an electrical outlet going into a power supply.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LABEL_POWER_INPUT_WATTS or LPWRIN

Label Power Ouput (Watts) attribute

Description
The amount of power in watts coming out of a power supply.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LABEL_POWER_OUTPUT_WATTS or LPWROUT

Employed attribute

Description
Specifies whether the computer system is employed.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
EMPLOYED or EMPLOYD

IPv4 Address attribute

Description
The Version 4 IP addresses for this system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
IPV4_ADDRESS or IP4ADDR

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

System Groupings attribute group

Systems Director base System Groupings

Historical group

This attribute group is not part of the default historical group, and is not eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the System Groupings attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Subnode MSN attribute - This attribute is a key attribute.

Description
This is the Managed System Name of the subnode agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_MSN or SN_MSN

Subnode Affinity attribute

Description
This is the affinity for the subnode agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_AFFINITY or SN_AFFIN

Subnode Type attribute - This attribute is a key attribute.

Description
This is the Node Type of this subnode.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_TYPE or SN_TYPE

Subnode Resource Name attribute

Description
This is the Resource Name of the subnode agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_RESOURCE_NAME or SN_RES

Subnode Version attribute

Description
This is the Version of the subnode agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_VERSION or SN_VER

Thread Pool Status attribute group

The Thread Pool Status attribute group contains information that reflects the status of the internal thread pool used to collect data asynchronously.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Thread Pool Status attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Thread Pool Size attribute

Description
The number of threads currently existing in the thread pool.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
THREAD_POOL_SIZE or THPSIZE

Thread Pool Max Size attribute

Description
The maximum number of threads allowed to exist in the thread pool.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
THREAD_POOL_MAX_SIZE or TPMAXSZ

Thread Pool Active Threads attribute

Description
The number of threads in the thread pool currently active doing work.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
THREAD_POOL_ACTIVE_THREADS or TPACTTH

Thread Pool Avg Active Threads attribute

Description
The average number of threads in the thread pool simultaneously active doing work.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
THREAD_POOL_AVG_ACTIVE_THREADS or TPAVGAT

Thread Pool Min Active Threads attribute

Description
The smallest number of threads in the thread pool that have simultaneously been active doing work.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
THREAD_POOL_MIN_ACTIVE_THREADS or TPMINAT

Thread Pool Max Active Threads attribute

Description
The peak number of threads in the thread pool that have simultaneously been active doing work.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
THREAD_POOL_MAX_ACTIVE_THREADS or TPMAXAT

Thread Pool Queue Length attribute

Description
The number of jobs currently waiting in the thread pool queue.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
THREAD_POOL_QUEUE_LENGTH or TPQLGTH

Thread Pool Avg Queue Length attribute

Description
The average length of the thread pool queue during this run.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
THREAD_POOL_AVG_QUEUE_LENGTH or TPAVGQL

Thread Pool Min Queue Length attribute

Description
The minimum length the thread pool queue has reached.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
THREAD_POOL_MIN_QUEUE_LENGTH or TPMINQL

Thread Pool Max Queue Length attribute

Description
The peak length the thread pool queue has reached.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
THREAD_POOL_MAX_QUEUE_LENGTH or TPMAXQL

Thread Pool Avg Job Wait attribute

Description
The average time a job spends waiting on the thread pool queue in seconds.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
THREAD_POOL_AVG_JOB_WAIT or TPAVJBW

Thread Pool Total Jobs attribute

Description
The number of jobs completed by all threads in the pool since agent start.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
THREAD_POOL_TOTAL_JOBS or TPTJOBS

Time Zone Settings attribute group

Reports a set of properties that define a particular time zone.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Time Zone Settings attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Daylight Caption attribute

Description
Short name of the daylight time zone (for example, EDT), suitable for presentation to the user in the default locale.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DAYLIGHT_CAPTION or DAYLTCP

Daylight Start Day attribute

Description
There are two different interpretations for this property, depending on the value of daylight day of week.

Type
For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DAYLIGHT_START_DAY or DAYLTDY

Daylight Start Day of Week attribute

Description
Positive or negative integer used in conjunction with daylight day to indicate the day of the week on which daylight saving time starts.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DAYLIGHT_START_DAY_OF_WEEK or DAYLTWK

Daylight Start Month attribute

Description
The month daylight saving time starts.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DAYLIGHT_START_MONTH or DYLTMTH

Daylight Name attribute

Description
The full name of the daylight time zone (for example, US Eastern Daylight Saving Time), suitable for presentation to the user in the default locale.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DAYLIGHT_NAME or DAYLTNM

Daylight Offset from UTC attribute

Description
The number of minutes difference between this daylight saving time and Coordinated Universal Time (UTC).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DAYLIGHT_OFFSET_FROM_UTC or DYLTUTC

Daylight Start Interval attribute

Description
The time interval after midnight when daylight saving time starts.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DAYLIGHT_START_INTERVAL or DYLTSNT

Standard Caption attribute

Description
Short name of the standard time zone (for example, EST), suitable for presentation to the user in the default locale.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STANDARD_CAPTION or STDCAPT

Standard Start Day attribute

Description
There are two different interpretations for this property, depending on the value of standard day of week.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STANDARD_START_DAY or STDSTDY

Standard Start Day of Week attribute

Description
Positive or negative integer used in conjunction with standard day to indicate the day of the week on which daylight saving time ends and standard time begins.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STANDARD_START_DAY_OF_WEEK or STDSTWK

Standard Start Month attribute

Description
The month daylight saving time ends and standard time begins.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STANDARD_START_MONTH or STDSMTH

Standard Name attribute

Description
The full name of the standard time zone (for example, US Eastern Standard Time), suitable for presentation to the user in the default locale.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STANDARD_NAME or STDNAME

Standard Offset from UTC attribute

Description
The number of minutes by which this standard time differs from Coordinated Universal Time (UTC).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STANDARD_OFFSET_FROM_UTC or SOFFUTC

Standard Start Interval attribute

Description
The time interval after midnight when daylight saving time ends.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STANDARD_START_INTERVAL or STSTINT

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Zone Settings Group View attribute group

Reports a set of properties that define a particular time zone.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Time Zone Settings Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
A string that reports the language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Daylight Caption attribute

Description
Short name of the daylight time zone (for example, EDT), suitable for presentation to the user in the default locale.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DAYLIGHT_CAPTION or DAYLTCP

Daylight Start Day attribute

Description
There are two different interpretations for this property, depending on the value of daylight day of week.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DAYLIGHT_START_DAY or DAYLTDY

Daylight Start Day of Week attribute

Description
Positive or negative integer used in conjunction with daylight day to indicate the day of the week on which daylight saving time starts.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DAYLIGHT_START_DAY_OF_WEEK or DAYLTWK

Daylight Start Month attribute

Description
The month in which daylight saving time starts.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DAYLIGHT_START_MONTH or DYLTMTH

Daylight Name attribute

Description
The full name of the daylight time zone (for example, US Eastern Daylight Saving Time), suitable for presentation to the user in the default locale.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DAYLIGHT_NAME or DAYLTNM

Daylight Offset from UTC attribute

Description
The number of minutes by which this daylight saving time differs from Coordinated Universal Time (UTC).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DAYLIGHT_OFFSET_FROM_UTC or DYLTUTC

Daylight Start Interval attribute

Description
The time interval after midnight when daylight saving time starts.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DAYLIGHT_START_INTERVAL or DYLTSNT

Standard Caption attribute

Description
Short name of the standard time zone (for example, EST), suitable for presentation to the user in the default locale.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STANDARD_CAPTION or STDCAPT

Standard Start Day attribute

Description
There are two different interpretations for this property, depending on the value of standard day of week.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STANDARD_START_DAY or STDSTDY

Standard Start Day of Week attribute

Description
Positive or negative integer used in conjunction with standard day to indicate the day of the week on which daylight saving time ends and standard time begins.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STANDARD_START_DAY_OF_WEEK or STDSTWK

Standard Start Month attribute

Description
The month in which daylight saving time ends and standard time begins.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STANDARD_START_MONTH or STDSMTH

Standard Name attribute

Description
The full name of the standard time zone (for example, US Eastern Standard Time), suitable for presentation to the user in the default locale.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STANDARD_NAME or STDNAME

Standard Offset from UTC attribute

Description
The number of minutes by which this standard time differs from Coordinated Universal Time (UTC).

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STANDARD_OFFSET_FROM_UTC or SOFFUTC

Standard Start Interval attribute

Description
The time interval after midnight when daylight saving time ends.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
STANDARD_START_INTERVAL or STSTINT

Related System Object Id attribute

Description
The object identifier property for the related parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

USB Controller attribute group

The capabilities of a USB host controller.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the USB Controller attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Maximum Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_NUMBER_CONTROLLED or MAXNCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PROTOSUP

Time of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

Interface Type attribute

Description
The type of interface used between the host-system software and the USB controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INTERFACE_TYPE or INTFTYP

USB Version attribute

Description
Indicates the latest USB version that is supported by the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USB_VERSION or USBVER

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

USB Controller Group View attribute group

Reports the capabilities of a USB host controller.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the USB Controller Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Maximum Number Controlled attribute

Description
The maximum number of directly addressable entities that are supported by this controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_NUMBER_CONTROLLED or MAXNCON

Protocol Supported attribute

Description
The protocol used by the controller to access controlled devices.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
PROTOCOL_SUPPORTED or PROTOSUP

Time of Last Reset attribute

Description
The time of the last reset of the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_OF_LAST_RESET or TIMERES

Interface Type attribute

Description
The type of interface used between the host-system software and the USB controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
INTERFACE_TYPE or INTFTYP

USB Version attribute

Description
Indicates the latest USB version that is supported by the controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
USB_VERSION or USBVER

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Video Head attribute group

Reports one head of a display controller.

Historical group

This attribute group is part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Video Head attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
The allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
The current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Chip Type attribute

Description
The type of chip in this display adapter.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHIP_TYPE or CHIPTYP

Current Bits per Pixel attribute

Description
The number of bits used to display each pixel.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_BITS_PER_PIXEL or CBITSPP

Current Horizontal Resolution attribute

Description
The current number of horizontal pixels.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_HORIZONTAL_RESOLUTION or CHRZREZ

Current Number of Colors attribute

Description
The number of colors supported at the current resolutions.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_NUMBER_OF_COLORS or CNUMCOL

Current Number of Columns attribute

Description
If in character mode, the number of columns for this display controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_NUMBER_OF_COLUMNS or CNMCOLM

Current Number of Rows attribute

Description
If in character mode, the number of rows for this video controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_NUMBER_OF_ROWS or CNROW

Current Refresh Rate (Hz) attribute

Description
The current refresh rate, in Hertz.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_REFRESH_RATE_HERTZ or CREFRAT

Current Scan Mode attribute

Description
The current scan mode.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_SCAN_MODE or CSCANMD

Current Vertical Resolution attribute

Description
The current number of vertical pixels.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_VERTICAL_RESOLUTION or CVERTRS

Maximum Refresh Rate (Hz) attribute

Description
The maximum refresh rate of the display controller, in Hertz.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_REFRESH_RATE_HERTZ or MAXREFR

Minimum Refresh Rate (Hz) attribute

Description
The minimum refresh rate of the video controller, in Hertz.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MINIMUM_REFRESH_RATE_HERTZ or MINREFR

System Name attribute - This attribute is a key attribute.

Description
The name of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier of the parent system for this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Video Head Group View attribute group

Reports one head of a display controller.

Historical group

This attribute group is not part of the default historical group, and is eligible for use with Tivoli Data Warehouse.

Attribute descriptions

The following list contains information about each attribute in the Video Head Group View attribute group:

Node attribute - This attribute is a key attribute.

Description
The managed system name of the agent.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NODE

Timestamp attribute

Description
The local time at the agent when the data was collected.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIMESTAMP

System Name attribute - This attribute is a key attribute.

Description
The name of the system that owns this resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_NAME or SYSNAME

Changed Date attribute

Description
The date that this object was last modified.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHANGED_DATE or CHGDATE

Description attribute

Description
A textual description of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
DESCRIPTION or DESCRIP

Name attribute - This attribute is a key attribute.

Description
The name for the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
NAME or DISPNAM

Locale attribute

Description
The language ID and, optionally, the character encoding of the object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
LOCALE

Object Identifier attribute - This attribute is a key attribute.

Description
The object identifier property for the application-level object model.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_IDENTIFIER or OID

Object Type attribute

Description
The type of resource that is contained within this application object.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OBJECT_TYPE or OBJTYPE

Allocation State attribute

Description
Reports the allocation state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
ALLOCATION_STATE or ALLOCST

Health State attribute

Description
Indicates the current health of the resource.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
HEALTH_STATE or HTHSTAT

Model attribute

Description
The model number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MODEL

Operating State attribute

Description
The operating state of the device.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
OPERATING_STATE or OPERST

Serial Number attribute

Description
A manufacturer-allocated number for the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SERIAL_NUMBER or SRLNUM

Version attribute

Description
The version of the physical element this device represents.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
VERSION

Chip Type attribute

Description
The type of chip in this display adapter.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CHIP_TYPE or CHIPTYP

Current Bits per Pixel attribute

Description
The number of bits used to display each pixel.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_BITS_PER_PIXEL or CBITSPP

Current Horizontal Resolution attribute

Description
The current number of horizontal pixels.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_HORIZONTAL_RESOLUTION or CHRZREZ

Current Number of Colors attribute

Description
The number of colors supported at the current resolutions.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_NUMBER_OF_COLORS or CNUMCOL

Current Number of Columns attribute

Description
If in character mode, the number of columns for this display controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_NUMBER_OF_COLUMNS or CNMCOLM

Current Number of Rows attribute

Description
If in character mode, the number of rows for this video controller.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_NUMBER_OF_ROWS or CNROW

Current Refresh Rate (Hz) attribute

Description
The current refresh rate, in Hertz.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_REFRESH_RATE_HERTZ or CREFRAT

Current Scan Mode attribute

Description
The current scan mode.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_SCAN_MODE or CSCANMD

Current Vertical Resolution attribute

Description
The current number of vertical pixels.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
CURRENT_VERTICAL_RESOLUTION or CVERTRS

Maximum Refresh Rate (Hz) attribute

Description
The maximum refresh rate of the display controller, in Hertz.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MAXIMUM_REFRESH_RATE_HERTZ or MAXREFR

Minimum Refresh Rate (Hz) attribute

Description
The minimum refresh rate of the video controller, in Hertz.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
MINIMUM_REFRESH_RATE_HERTZ or MINREFR

Related System Object Id attribute

Description
The object identifier property for the related parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
RELATED_SYSTEM_OBJECT_ID or RSYSOID

Subnode Name attribute

Description
managed system subnode name

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SUBNODE_NAME or SUBMSN

System Object Id attribute - This attribute is a key attribute.

Description
The object identifier property for the parent system

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
SYSTEM_OBJECT_ID or SYSOID

Time Last Metered attribute

Description
The date and time this resource was last metered.

Type For information about the Type, see the information center topic that corresponds to this attribute.

Warehouse name
TIME_LAST_METERED or TMLSTMR

Disk capacity planning for historical data

Disk capacity planning for a monitoring agent is a prediction of the amount of disk space to be consumed for each attribute group with historical data that is being collected. Required disk storage is an important factor to consider when you are defining data collection rules and your strategy for historical data collection.

The table in this chapter provides the following information required to calculate disk space for this monitoring agent:

- *Table* is the table name as it is displayed in the warehouse database, if the attribute group is configured to be written to the warehouse. The table name listed here corresponds to the Table name in "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41
- *Attribute group* is the name of the attribute group used to create the table in the warehouse database if it is short enough to fit in the table naming constraints of the database being used for the warehouse. The attribute group name listed here corresponds to the Warehouse table name in "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41.
- *Bytes per instance (agent)* is an estimate of the record length for each row or instance written to the agent disk for historical data collection. This estimate can be used for agent disk space planning purposes.
- *Database bytes per instance (warehouse)* is an estimate of the record length for detailed records written to the warehouse database, if the attribute group is configured to be written to the warehouse. Detailed records are those that have been uploaded from the agent for long-term historical data collection. This estimate can be used for warehouse disk space planning purposes.
- *Aggregate bytes per instance (warehouse)* is an estimate of the record length for aggregate records written to the warehouse database, if the attribute group is configured to be written to the warehouse. Aggregate records are created by the Summarization agent for attribute groups that have been configured for summarization. This estimate can be used for warehouse disk space planning purposes.

In addition to the information in the tables, you must know the number of instances of data that you plan to collect. An attribute group can have single or multiple instances of data depending on the application environment that is being monitored. For example, if your attribute group is monitoring each processor in your computer and you have a dual processor computer, the number of instances is two.

The following table contains capacity planning information for the data logged by IBM Tivoli Monitoring Agent for Systems Director base.

Note: Due to the non-volatile information reported by the majority of the attribute groups, and the volume of information, it is recommended that the Collection Interval and Warehouse Interval be set to 1 Day. Data for any attribute groups that are more dynamic in nature (such as events, jobs), can be collected more frequently, but no more frequently than every 15 minutes. Summarization and Pruning should be adjusted accordingly. The attribute groups that should be excluded from historical collection are:

- Tables ending with `*_GROUP_VIEW` (The information recorded here is redundant with the availability of individual system tables)
- Tables ending with `*_RAW`
- `KD9_ALL_DIRECTOR_ENDPOINT_SYSTEMS` (Complete information for all endpoint systems is found in `KD9_ALL_MANAGED_ENDPOINTS`)
- `KD9_ENDPOINT_SYSTEM` (Useful only through the Tivoli Enterprise Portal)
- `KD9_EP_PERFORMANCE_OBJECT_STATUS`
- `KD9_GR_PERFORMANCE_OBJECT_STATUS`
- `KD9_EVENT_TYPES` (This attribute group lists all possible events that could occur in Systems Director. It does not list any information about the events that have actually occurred.)
- `KD9_SYSTEM_GROUPINGS`
- `KD9_THREAD_POOL_STATUS`

Table 1. Capacity planning for historical data logged by component IBM

Table	Attribute group	Bytes per instance (agent)	Database bytes per instance (warehouse)	Aggregate bytes per instance (warehouse)
KD9DALLEND	KD9_ALL_DIRECTOR_ENDPOINT_SYSTEMS	197	198	235
KD9SDEVTS	KD9_ALL_ENDPOINTS_EVENT_CONSOLE	4688	4739	4791
KD9SDEVTSR	KD9_ALL_ENDPOINT_EVENTS_RAW	4688	4739	4791
KD9ALLJOBS	KD9_ALL_JOBS	1956	1973	2049
KD9ALLENDP	KD9_ALL_MANAGED_ENDPOINTS	5800	5853	5890
KD9BLDADSV	KD9_BLADE_ADMIN_SERVER	6152	6211	6248
KD9BLDASVG	KD9_BLADE_ADMIN_SERVER_GROUP_VIEW	6192	6253	6290
KD9CACHMEM	KD9_CACHE_MEMORY	3640	3692	4090
KD9CACHMEG	KD9_CACHE_MEMORY_GROUP_VIEW	3672	3725	4123
KD9CARD	KD9_CARD	6628	6695	6747
KD9CARDG	KD9_CARD_GROUP_VIEW	6668	6737	6789
KD9CHASSIS	KD9_CHASSIS	6412	6484	6620
KD9CHASSIG	KD9_CHASSIS_GROUP_VIEW	6452	6526	6662
KD9CHIP	KD9_CHIP	6228	6285	6322
KD9CHIPG	KD9_CHIP_GROUP_VIEW	6268	6327	6364
KD9SYSDISC	KD9_DISCOVERY_JOBS	1440	1454	1530
KD9DSKTDRV	KD9_DISKETTE_DRIVE	3644	3691	4158
KD9DSKTDRG	KD9_DISKETTE_DRIVE_GROUP_VIEW	3684	3733	4200

Table 1. Capacity planning for historical data logged by component IBM (continued)

Table	Attribute group	Bytes per instance (agent)	Database bytes per instance (warehouse)	Aggregate bytes per instance (warehouse)
KD9DISKDRV	KD9_DISK_DRIVE	4160	4215	4743
KD9DISKDRG	KD9_DISK_DRIVE_GROUP_VIEW	4200	4257	4785
KD9DSKPART	KD9_DISK_PARTITION	3612	3660	3929
KD9DSKPARG	KD9_DISK_PARTITION_GROUP_VIEW	3652	3702	3971
KD9DISPCON	KD9_DISPLAY_CONTROLLER	3564	3601	3683
KD9DISPCOG	KD9_DISPLAY_CONTROLLER_GROUP_VIEW	3604	3643	3725
KD9DNSPEND	KD9_DNS_PROTOCOL_ENDPOINT	3288	3323	3360
KD9DNSPENG	KD9_DNS_PROTOCOL_ENDPOINT_GROUP_VIEW	3328	3365	3402
KD9DNSSETN	KD9_DNS_SETTINGS	4556	4596	4678
KD9DNSSETG	KD9_DNS_SETTINGS_GROUP_VIEW	4596	4638	4720
KD9GRPENDP	KD9_ENDPOINTS_GROUP	5280	5327	5364
KD9SYSENDP	KD9_ENDPOINT_SYSTEM	5800	5853	5890
KD9EPPOS	KD9_EP_PERFORMANCE_OBJECT_STATUS	352	399	664
KD9ETHPORT	KD9_ETHERNET_PORT	3840	3883	4122
KD9ETHPORG	KD9_ETHERNET_PORT_GROUP_VIEW	3880	3925	4164
KD9DIREVT	KD9_EVENTS	4332	4376	4491
KD9DIREVTG	KD9_EVENT_LOG	4200	4246	4298
KD9DREVTRG	KD9_EVENT_LOG_RAW	4200	4246	4298
KD9EVTTYPS	KD9_EVENT_TYPES	2892	2914	2951
KD9FAN	KD9_FAN	3540	3573	3653
KD9FANG	KD9_FAN_GROUP_VIEW	3580	3615	3695
KD9FCPORT	KD9_FIBRE_CHANNEL_PORT	3844	3888	4112
KD9FCPORTG	KD9_FIBRE_CHANNEL_PORT_GROUP_VIEW	3884	3930	4154
KD9FILESYS	KD9_FILE_SYSTEM	6516	6579	6874
KD9FILSYSG	KD9_FILE_SYSTEM_GROUP_VIEW	6556	6621	6916
KD9FRU	KD9_FRU	6360	6419	6471
KD9FRUG	KD9_FRU_GROUP_VIEW	6400	6461	6513
KD9GHNTDEV	KD9_GENERIC_NETWORK_DEVICE	6152	6211	6248
KD9GNTDEVG	KD9_GENERIC_NETWORK_DEVICE_GROUP_VIEW	6192	6253	6290
KD9GRPOS	KD9_GR_PERFORMANCE_OBJECT_STATUS	352	399	664
KD9HDMNCNS	KD9_HARDWARE_MANAGEMENT_CONSOLE	6280	6340	6377
KD9HMNCNSG	KD9_HARDWARE_MANAGEMENT_CONSOLE_GROUP_\ VIEW	6320	6382	6419
KD9IDECONT	KD9_IDE_CONTROLLER	3552	3586	3638
KD9IDECONG	KD9_IDE_CONTROLLER_GROUP_VIEW	3592	3628	3680
KD9INV1G	KD9_INVENTORY_GROUP_VIEW	460	459	496
KD9INV1	KD9_INVENTORY_VIEW	980	985	1022
KD9IPPREND	KD9_IP_PROTOCOL_ENDPOINT	2820	2848	2900

Table 1. Capacity planning for historical data logged by component IBM (continued)

Table	Attribute group	Bytes per instance (agent)	Database bytes per instance (warehouse)	Aggregate bytes per instance (warehouse)
KD9IPPRENG	KD9_IP_PROTOCOL_ENDPOINT_GROUP_VIEW	2860	2890	2942
KD9JOBS	KD9_JOBS	2476	2499	2590
KD9JOBSG	KD9_JOBS_GROUP_VIEW	1956	1973	2049
KD9KEYBORD	KD9_KEYBOARD	3704	3741	3823
KD9KEYBORG	KD9_KEYBOARD_GROUP_VIEW	3744	3783	3865
KD9LANEND	KD9_LAN_END_POINT	2928	2958	3025
KD9LANENDG	KD9_LAN_END_POINT_GROUP_VIEW	2968	3000	3067
KD9LOCATN	KD9_LOCATION	5692	5734	5801
KD9LOCATNG	KD9_LOCATION_GROUP_VIEW	5732	5776	5843
KD9LOGMOD	KD9_LOGICAL_MODULE	3540	3574	3641
KD9LOGMODG	KD9_LOGICAL_MODULE_GROUP_VIEW	3580	3616	3683
KD9LOGVOL	KD9_LOGICAL_VOLUME	3600	3644	3941
KD9LOGVOLG	KD9_LOGICAL_VOLUME_GROUP_VIEW	3640	3686	3983
KD9MNGCONT	KD9_MANAGEMENT_CONTROLLER	6152	6211	6248
KD9MNGCTRG	KD9_MANAGEMENT_CONTROLLER_GROUP_VIEW	6192	6253	6290
KD9MEMORY	KD9_MEMORY	3616	3663	4018
KD9MEMORYG	KD9_MEMORY_GROUP_VIEW	3656	3705	4060
KD9OPERSYS	KD9_OPERATING_SYSTEM	4640	4694	5021
KD9OPRSYSG	KD9_OPERATING_SYSTEM_GROUP_VIEW	4680	4736	5063
KD9OPTDRIV	KD9_OPTICAL_DRIVE	3644	3691	4158
KD9OPTDRVG	KD9_OPTICAL_DRIVE_GROUP_VIEW	3684	3733	4200
KD9PLLCONT	KD9_PARALLEL_CONTROLLER	3556	3591	3643
KD9PLLCNTG	KD9_PARALLEL_CONTROLLER_GROUP_VIEW	3596	3633	3685
KD9PASSTMD	KD9_PASS_THROUGH_MODULE	6180	6246	6328
KD9PASTMDG	KD9_PASS_THROUGH_MODULE_GROUP_VIEW	6220	6288	6370
KD9PCIBRIG	KD9_PCI_BRIDGE	3748	3798	4056
KD9PCIBRGG	KD9_PCI_BRIDGE_GROUP_VIEW	3788	3840	4098
KD9PCIDEV	KD9_PCI_DEVICE	3780	3827	4040
KD9PCIDEVG	KD9_PCI_DEVICE_GROUP_VIEW	3836	3886	4099
KD9POBJST	KD9_PERFORMANCE_OBJECT_STATUS	352	399	664
KD9PHYSCON	KD9_PHYSICAL_CONNECTOR	6236	6295	6362
KD9PHYSCNG	KD9_PHYSICAL_CONNECTOR_GROUP_VIEW	6276	6337	6404
KD9PHYFRAM	KD9_PHYSICAL_FRAME	6392	6459	6550
KD9PHYFRMG	KD9_PHYSICAL_FRAME_GROUP_VIEW	6432	6501	6592
KD9PHYLINK	KD9_PHYSICAL_LINK	6228	6285	6322
KD9PHYLNKG	KD9_PHYSICAL_LINK_GROUP_VIEW	6268	6327	6364
KD9PHYSMEM	KD9_PHYSICAL_MEMORY	6392	6457	6640
KD9PHYMEMG	KD9_PHYSICAL_MEMORY_GROUP_VIEW	6432	6499	6682

Table 1. Capacity planning for historical data logged by component IBM (continued)

Table	Attribute group	Bytes per instance (agent)	Database bytes per instance (warehouse)	Aggregate bytes per instance (warehouse)
KD9PHYPACK	KD9_PHYSICAL_PACKAGE	6360	6419	6471
KD9PHYPCKG	KD9_PHYSICAL_PACKAGE_GROUP_VIEW	6400	6461	6513
KD9PHYPRT	KD9_PHYSICAL_PORT	6240	6300	6406
KD9PHYPRTG	KD9_PHYSICAL_PORT_GROUP_VIEW	6280	6342	6448
KD9PHYSVOL	KD9_PHYSICAL_VOLUME	3600	3644	3941
KD9PHYSVLG	KD9_PHYSICAL_VOLUME_GROUP_VIEW	3640	3686	3983
KD9POINTDV	KD9_POINTING_DEVICE	3556	3594	3691
KD9POINTDG	KD9_POINTING_DEVICE_GROUP_VIEW	3596	3636	3733
KD9PORTCON	KD9_PORT_CONTROLLER	3556	3591	3643
KD9PORTCNG	KD9_PORT_CONTROLLER_GROUP_VIEW	3596	3633	3685
KD9PRINTER	KD9_PRINTER	3784	3817	3854
KD9PRINTRG	KD9_PRINTER_GROUP_VIEW	3824	3859	3896
KD9PROCSSR	KD9_PROCESSOR	4384	4432	4544
KD9PRCSSRG	KD9_PROCESSOR_GROUP_VIEW	4424	4474	4586
KD9RAIDCON	KD9_RAID_CONTROLLER	6024	6084	6121
KD9RAIDCNG	KD9_RAID_CONTROLLER_GROUP_VIEW	6064	6126	6163
KD9REVTTYP	KD9_RAW_EVENT_TYPES	2892	2914	2951
KD9RSACCPT	KD9_REMOTE_SERVICE_ACCESS_POINT	5244	5277	5329
KD9RSACPG	KD9_REMOTE_SERVICE_ACCESS_POINT_GROUP_\ VIEW	5284	5319	5371
KD9SASPORT	KD9_SAS_PORT	3836	3878	4102
KD9SASPRTG	KD9_SAS_PORT_GROUP_VIEW	3876	3920	4144
KD9SCSIPE	KD9_SCSI_PROTOCOL_ENDPOINT	2388	2411	2463
KD9SCSIPEG	KD9_SCSI_PROTOCOL_ENDPOINT_GROUP_VIEW	2428	2453	2505
KD9SERCON	KD9_SERIAL_CONTROLLER	3556	3591	3658
KD9SERCONG	KD9_SERIAL_CONTROLLER_GROUP_VIEW	3596	3633	3700
KD9SERVER	KD9_SERVER	6544	6611	6648
KD9SERVERG	KD9_SERVER_GROUP_VIEW	6576	6644	6681
KD9SLOT	KD9_SLOT	7196	7282	7469
KD9SLOTG	KD9_SLOT_GROUP_VIEW	7236	7324	7511
KD9SNMPTT	KD9_SNMP_TRAP_TARGET	4912	4948	5015
KD9SNMPTTG	KD9_SNMP_TRAP_TARGET_GROUP_VIEW	4952	4990	5057
KD9STORSUB	KD9_STORAGE_SUBSYSTEM	6668	6733	6770
KD9STGSSG	KD9_STORAGE_SUBSYSTEM_GROUP_VIEW	6708	6775	6812
KD9STORVOL	KD9_STORAGE_VOLUME	3600	3644	3941
KD9STORVLG	KD9_STORAGE_VOLUME_GROUP_VIEW	3640	3686	3983
KD9SWITCH	KD9_SWITCH	6352	6415	6452
KD9SWITCHG	KD9_SWITCH_GROUP_VIEW	6392	6457	6494

Table 1. Capacity planning for historical data logged by component IBM (continued)

Table	Attribute group	Bytes per instance (agent)	Database bytes per instance (warehouse)	Aggregate bytes per instance (warehouse)
KD9SASTSET	KD9_SYSTEM_ASSET_SETTINGS	3204	3235	3302
KD9SYSASTG	KD9_SYSTEM_ASSET_SETTINGS_GROUP_VIEW	3244	3277	3344
KD9SYSCHAS	KD9_SYSTEM_CHASSIS	7076	7147	7214
KD9SYSCHSG	KD9_SYSTEM_CHASSIS_GROUP_VIEW	7116	7189	7256
KD9DSYSGRP	KD9_SYSTEM_GROUPINGS	197	198	235
KD9THPLST	KD9_THREAD_POOL_STATUS	124	168	550
KD9TIMZNS	KD9_TIME_ZONE_SETTINGS	2708	2738	2865
KD9TIMZNSG	KD9_TIME_ZONE_SETTINGS_GROUP_VIEW	2748	2780	2907
KD9USBCON	KD9_USB_CONTROLLER	3620	3656	3708
KD9USBCONG	KD9_USB_CONTROLLER_GROUP_VIEW	3660	3698	3750
KD9VIDHEAD	KD9_VIDEO_HEAD	3684	3725	3925
KD9VIDHEDG	KD9_VIDEO_HEAD_GROUP_VIEW	3740	3784	3984

For more information about historical data collection, see the *IBM Tivoli Monitoring Administrator's Guide*.

Chapter 5. Situations reference

This chapter contains an overview of situations, references for detailed information about situations, and descriptions of the predefined situations included in this monitoring agent.

About situations

A *situation* is a logical expression involving one or more system conditions. Situations are used to monitor the condition of systems in your network. You can manage situations from Tivoli Enterprise Portal by using the Situation Editor.

The monitoring agents that you use to monitor your system environment are delivered with a set of predefined situations that you can use as-is or you can create new situations to meet your requirements. Predefined situations contain attributes that check for system conditions common to many enterprises.

Using predefined situations can improve the speed with which you can begin using the IBM Tivoli Monitoring Agent for Systems Director base. You can examine and, if necessary, change the conditions or values being monitored by a predefined situation to the conditions or values best suited to your enterprise.

You can display predefined situations and create your own situations using the Situation Editor. The left frame of the Situation editor initially lists the situations associated with the Navigator item that you selected. When you click a situation name or create a new situation, the right frame opens with the following tabs:

Formula
Formula describing condition being tested

Distribution
List of managed systems (operating systems, subsystems, or applications) to which the situation can be distributed. All the IBM Tivoli Monitoring Agent for Systems Director base managed systems are assigned by default.

Expert advice
Comments and instructions to be read in the event workspace

Action
Command to be sent to the system

Until Options to close the event after a period of time, or when another situation becomes true

More information about situations

The *Tivoli Enterprise Portal User's Guide* contains more information about predefined and custom situations and how to use them to respond to alerts.

For a list of the predefined situations for this monitoring agent and a description of each situation, see the Predefined situations section in this chapter and the information in that section for each individual situation.

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Predefined situations

This monitoring agent contains the following predefined situations, which are organized by Navigator item.

Agent level navigator items

- IBM Systems Director base
  - Not applicable
- Director Server Status
  - Not applicable
- Event Log
  - Not applicable
- Jobs
  - Not applicable
- System Discovery
  - Not applicable

Director View by System (EP) subnode

- Director View by System
  - Not applicable
- Events
  - KD9_CPUCapacity_Critical
  - KD9_CPUCapacity_Resolved
  - KD9_FanFailure_Critical
  - KD9_FanFailure_Resolved
  - KD9_CPUFailure_Critical
  - KD9_CPUFailure_Resolved
  - KD9_MemCapacity_Critical
  - KD9_MemCapacity_Resolved
  - KD9_MemoryFailure_Critical
  - KD9_MemoryFailure_Resolved
  - KD9_NetworkAdapter_Failed
  - KD9_NetworkAdapter_Online
  - KD9_PowerSupply_Failure
  - KD9_PowerSupply_Normal
  - KD9_DiskFailure_Critical
  - KD9_DiskFailure_Resolved
  - KD9_PredictiveFailure_Critical
  - KD9_PredictiveFailure_Resolved
  - KD9_Temperature_Critical
  - KD9_Temperature_Resolved
  - KD9_Voltage_Critical
  - KD9_Voltage_Resolved
- Inventory Selection
  - Not applicable
- Jobs

- Not applicable

Director View by Group (GR) subnode

- Director View by Group
  - Not applicable
- Event Log
  - Not applicable
- Inventory Selection
  - Not applicable
- Jobs
  - Not applicable

The remaining sections of this chapter contain descriptions of each of these situations. The situations are organized by Navigator item. The following information is provided about each situation:

Description
Information about the conditions that the situation tests

Formula
Syntax that contains one or more logical expressions describing the conditions for the situation to monitor. The information center topic that corresponds to this situation. contains the formula for this agent.

Distribution
Whether the situation is automatically distributed to instances of the agent or is available for manual distribution

Run at startup
Whether the situation starts monitoring when the agent starts

Sampling interval
Number of seconds that elapses between one sample of data that the monitoring agent collects for the server and the next sample

Situation persistence
Whether the conditions specified in the situation evaluate to "true" for the defined number of occurrences in a row before the situation is raised. The default of one means no persistence-checking takes place.

Severity
Severity of the predefined events: Warning, Informational, or Critical

Clearing conditions
Controls when a true situation closes: after a period of time, when another situation is true, or whichever occurs first if both are selected.

IBM Systems Director base Navigator item

There are no predefined situations for this Navigator item.

Director Server Status Navigator item

There are no predefined situations for this Navigator item.

Event Log Navigator item

There are no predefined situations for this Navigator item.

Jobs Navigator item

There are no predefined situations for this Navigator item.

System Discovery Navigator item

There are no predefined situations for this Navigator item.

Director View by System subnode

The following situations are organized by the Navigator item to which the situations are relevant.

Director View by System Navigator item

There are no predefined situations for this Navigator item.

Events Navigator item

KD9_CPUCapacity_Critical situation

Description: Processor capacity has been reduced.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Critical

Clearing conditions: This situation clears when KD9_CPUCapacity_Resolved fires.

KD9_CPUCapacity_Resolved situation

Description: Processor capacity has been restored.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Informational

Clearing conditions: This situation clears after 0:00:00:30.

KD9_FanFailure_Critical situation

Description: A fan sensor is reporting a low RPM speed.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Critical

Clearing conditions: This situation clears when KD9_FanFailure_Resolved fires.

KD9_FanFailure_Resolved situation

Description: A fan sensor is reporting normal RPM speed.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Informational

Clearing conditions: This situation clears after 0:00:00:30.

KD9_CPUFailure_Critical situation

Description: Processor is predicting an imminent failure.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Critical

Clearing conditions: This situation clears when KD9_CPUFailure_Resolved fires.

KD9_CPUFailure_Resolved situation

Description: Processor failure is no longer occurring.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Informational

Clearing conditions: This situation clears after 0:00:00:30.

KD9_MemCapacity_Critical situation

Description: Memory configuration size has been reduced.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Critical

Clearing conditions: This situation clears when KD9_MemCapacity_Resolved fires.

KD9_MemCapacity_Resolved situation

Description: Memory configuration reduction has been resolved.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Informational

Clearing conditions: This situation clears after 0:00:00:30.

KD9_MemoryFailure_Critical situation

Description: Memory device bank is predicting an imminent failure.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Critical

Clearing conditions: This situation clears when KD9_MemoryFailure_Resolved fires.

KD9_MemoryFailure_Resolved situation

Description: Memory device bank failure is no longer occurring.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Informational

Clearing conditions: This situation clears after 0:00:00:30.

KD9_NetworkAdapter_Failed situation

Description: Network Adapter has failed.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Critical

Clearing conditions: This situation clears when KD9_NetworkAdapter_Online fires.

KD9_NetworkAdapter_Online situation

Description: The network adapter is functioning correctly.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Informational

Clearing conditions: This situation clears after 0:00:00:30.

KD9_PowerSupply_Failure situation

Description: Power supply device reports a critical state.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Critical

Clearing conditions: This situation clears when KD9_PowerSupply_Normal fires.

KD9_PowerSupply_Normal situation

Description: Power supply reports normal.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Informational

Clearing conditions: This situation clears after 0:00:00:30.

KD9_DiskFailure_Critical situation

Description: A hardware disk is reporting a fault.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Critical

Clearing conditions: This situation clears when KD9_DiskFailure_Resolved fires.

KD9_DiskFailure_Resolved situation

Description: The hardware disk fault has been resolved.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Informational

Clearing conditions: This situation clears after 0:00:00:30.

KD9_PredictiveFailure_Critical situation

Description: A generic predictive failure has been detected.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Critical

Clearing conditions: This situation clears when KD9_PredictiveFailure_Resolved fires.

KD9_PredictiveFailure_Resolved situation

Description: A generic predictive failure has been resolved.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Informational

Clearing conditions: This situation clears after 0:00:00:30.

KD9_Temperature_Critical situation

Description: Temperature sensor is reporting increased temperature reading.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Critical

Clearing conditions: This situation clears when KD9_Temperature_Resolved fires.

KD9_Temperature_Resolved situation

Description: Temperature sensor is reporting normal temperature.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Informational

Clearing conditions: This situation clears after 0:00:00:30.

KD9_Voltage_Critical situation

Description: Voltage sensor is reporting a decreased voltage reading.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Critical

Clearing conditions: This situation clears when KD9_Voltage_Resolved fires.

KD9_Voltage_Resolved situation

Description: Voltage sensor is reporting a normal voltage reading.

The situation will be evaluated for each distinct value of Component_Instance.

Formula: For the formula, see the information center topic that corresponds to this situation.

See "Attribute groups and attributes for the IBM Tivoli Monitoring Agent for Systems Director base" on page 41 for descriptions of the attributes in this formula.

Distribution: This situation is automatically distributed to instances of this agent.

Sampling interval: None. Data is analyzed when it becomes available.

Situation persistence: Not Applicable

Severity: Informational

Clearing conditions: This situation clears after 0:00:00:30.

Inventory Selection Navigator item

There are no predefined situations for this Navigator item.

Jobs Navigator item

There are no predefined situations for this Navigator item.

Director View by Group subnode

The following situations are organized by the Navigator item to which the situations are relevant.

Director View by Group Navigator item

There are no predefined situations for this Navigator item.

Event Log Navigator item

There are no predefined situations for this Navigator item.

Inventory Selection Navigator item

There are no predefined situations for this Navigator item.

Jobs Navigator item

There are no predefined situations for this Navigator item.

Chapter 6. Take Action commands reference

This chapter contains an overview of Take Action commands, references for detailed information about Take Action commands, and descriptions of the Take Action commands included in this monitoring agent, if any.

About Take Action commands

Take Action commands can be run from the portal client or included in a situation or a policy.

When included in a situation, the command runs when the situation becomes true. A Take Action command in a situation is also referred to as reflex automation. When you enable a Take Action command in a situation, you automate a response to system conditions. For example, you can use a Take Action command to send a command to restart a process on the managed system or to send a text message to a cell phone.

Advanced automation uses policies to perform actions, schedule work, and automate manual tasks. A policy comprises a series of automated steps called activities that are connected to create a workflow. After an activity is completed, the Tivoli Enterprise Portal receives return code feedback, and advanced automation logic responds with subsequent activities prescribed by the feedback.

A basic Take Action command displays the return code of the operation in a message box that is displayed after the action completes or in a log file. After you close this window, no further information is available for this action.

More information about Take Action commands

For more information about working with Take Action commands, see the *Tivoli Enterprise Portal User's Guide*.

For a list of the Take Action commands for this monitoring agent and a description of each command, see the Predefined Take Action commands section in this chapter and the information in that section for each individual command.

Predefined Take Action commands

This monitoring agent contains the following Take Action commands:

- CollectSystemInventory
- CollectSystemInventory
- CollectSystemInventory
- DiscoverSystems
- RemoveDiscoveryJob
- RemoveEvent
- RemoveEvent
- RemoveJob
- RemoveJob
- RemoveJob

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- RemoveSystem
- RemoveSystem
- RemoveSystem

The remaining sections of this chapter contain descriptions of these Take Action commands, which are listed alphabetically. The following information is provided about each Take Action command:

Description
Which actions the command performs on the system to which it is sent, and the permissions required for the Take Action command to function

Return codes
Information that the Take Action command returns

CollectSystemInventory1 action

Description

Runs inventory on the selected system immediately. The system can be selected from the All Managed Endpoints workspace view, any of the Director Server Status workspaces or the Systems Discovery workspace.

System command

To include the Take Action command in a situation or workflow policy, use the following syntax for the system command:

```
COLLECTSYSTEMINVENTORY \

   [KD9_ALL_MANAGED_ENDPOINTS.OID]
```

You can use attribute substitution to supply the Take Action command arguments from the situation, for example:

```
COLLECTSYSTEMINVENTORY \

[&{KD9_ALL_MANAGED_ENDPOINTS.OID}]
```

You can also use attribute substitution in a workflow policy though the format is slightly different:

```
COLLECTSYSTEMINVENTORY \

[&WaitOnSituation:KD9_ALL_MANAGED_ENDPOINTS.OID]
```

Arguments

- **Name:** KD9_ALL_MANAGED_ENDPOINTS.OID
  Description: The internal system identifier. By selecting a system from the workspace view, the value is inserted automatically by the command. No input required.

Return codes

- **Return Code:** 0
  Return Code Type: OK
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel®), Linux (64-bit x86), Windows
  Message ID: KD92000I
  Message: `Request was successful.`

- **Return Code:** 1
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92001E
  Message: `An unrecognized error occurred, contact IBM Support.`
- **Return Code:** 31
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92003E
  Message: `Unauthorized: The supplied credentials such as logon ID, password, or keystore, if any, are not sufficient to access the resource.`
- **Return Code:** 45
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92004E
  Message: `Method not allowed: The HTTP method (GET, POST, PUT, DELETE) is not valid for the resource.`
- **Return Code:** 48
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92005E
  Message: `Bad Request: The contents of the request were invalid, usually inputs to a POST or PUT are incorrect.`
- **Return Code:** 2
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD93002E
  Message: `The requested object was not found. Ensure that the object has been selected in the workspace view.`

CollectSystemInventory2 action

Description

Runs inventory on the selected system immediately. The system can be selected from the Group Systems workspace view.

System command

To include the Take Action command in a situation or workflow policy, use the following syntax for the system command:

```
COLLECTSYSTEMINVENTORY \

   [KD9_ENDPOINTS_GROUP_VIEW.SYSOID]
```

You can use attribute substitution to supply the Take Action command arguments from the situation, for example:

```
COLLECTSYSTEMINVENTORY \

[&{KD9_ENDPOINTS_GROUP_VIEW.SYSOID}]
```

You can also use attribute substitution in a workflow policy though the format is slightly different:

```
COLLECTSYSTEMINVENTORY \

[&WaitOnSituation:KD9_ENDPOINTS_GROUP_VIEW.SYSOID]
```

Arguments

- **Name:** KD9_ENDPOINTS_GROUP_VIEW.SYSOID
  Description: The internal system identifier. By selecting a system from the workspace view, the value is inserted automatically by the command. No input required.

Return codes

- **Return Code:** 0
  Return Code Type: OK
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92000I
  Message: `Request was successful.`
- **Return Code:** 1
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92001E
  Message: `An unrecognized error occurred, contact IBM Support.`
- **Return Code:** 31
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92003E
  Message: `Unauthorized: The supplied credentials such as logon ID, password, or keystore, if any, are not sufficient to access the resource.`
- **Return Code:** 45
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92004E
  Message: `Method not allowed: The HTTP method (GET, POST, PUT, DELETE) is not valid for the resource.`
- **Return Code:** 48
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92005E
  Message: `Bad Request: The contents of the request were invalid, usually inputs to a POST or PUT are incorrect.`
- **Return Code:** 2
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD93002E
  Message: `The requested object was not found. Ensure that the object has been selected in the workspace view.`

CollectSystemInventory3 action

Description

Runs inventory on the selected system immediately. The system can be selected from the System Information workspace view in the Systems Director Managed Endpoint workspace.

System command

To include the Take Action command in a situation or workflow policy, use the following syntax for the system command:

```
COLLECTSYSTEMINVENTORY \

   [KD9_ENDPOINT_SYSTEM.SYSOID]
```

You can use attribute substitution to supply the Take Action command arguments from the situation, for example:

```
COLLECTSYSTEMINVENTORY \

[&{KD9_ENDPOINT_SYSTEM.SYSOID}]
```

You can also use attribute substitution in a workflow policy though the format is slightly different:

```
COLLECTSYSTEMINVENTORY \

[&WaitOnSituation:KD9_ENDPOINT_SYSTEM.SYSOID]
```

Arguments

- **Name:** KD9_ENDPOINT_SYSTEM.SYSOID
  Description: The internal system identifier. By selecting the system from the System Information workspace view, the value is inserted automatically by the command. No input required.

Return codes

- **Return Code:** 0
  Return Code Type: OK
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92000I
  Message: `Request was successful.`
- **Return Code:** 1
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92001E
  Message: `An unrecognized error occurred, contact IBM Support.`
- **Return Code:** 31
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92003E
  Message: `Unauthorized: The supplied credentials such as logon ID, password, or keystore, if any, are not sufficient to access the resource.`

- **Return Code:** 45
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92004E
  Message: `Method not allowed: The HTTP method (GET, POST, PUT, DELETE) is not valid for the resource.`
- **Return Code:** 48
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92005E
  Message: `Bad Request: The contents of the request were invalid, usually inputs to a POST or PUT are incorrect.`
- **Return Code:** 2
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD93002E
  Message: `The requested object was not found. Ensure that the object has been selected in the workspace view.`

DiscoverSystems action

Description

Initiate discovery of Systems Director endpoints.

System command

To include the Take Action command in a situation or workflow policy, use the following syntax for the system command:

```
DISCOVERSYSTEMS \

   [IPAddress]

   [ResourceTypes]
```

You can use attribute substitution to supply the Take Action command arguments from the situation, for example:

```
DISCOVERSYSTEMS \

[&{IPAddress}] \

[&{ResourceTypes}]
```

You can also use attribute substitution in a workflow policy though the format is slightly different:

```
DISCOVERSYSTEMS \

[&WaitOnSituation:IPAddress] \

[&WaitOnSituation:ResourceTypes]
```

Arguments

- **Name:** IPAddress

Description: The ipaddress of the systems to discover. This parameter is required and must be enclosed in double quotes. Specify a single IP address or a range of IP addresses. No embedded blanks allowed. Examples: "10.22.38.18" or "10.5.14.2-10.5.14.25"

- **Name:** ResourceTypes
  Description: The system types to discover. This parameter is not required. If specified, use only one of the following, enclosed in double quotes: OperatingSystem, Server, SystemChassis, Switch, GenericNetworkDevice. If not specified, default is all of these systems types

Return codes

- **Return Code:** 0
  Return Code Type: OK
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92000I
  Message: `Request was successful.`
- **Return Code:** 2
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92002E
  Message: `The requested object was not found.`
- **Return Code:** 31
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92003E
  Message: `Unauthorized: The supplied credentials such as logon ID, password, or keystore, if any, are not sufficient to access the resource.`
- **Return Code:** 45
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92004E
  Message: `Method not allowed: The HTTP method (GET, POST, PUT, DELETE) is not valid for the resource.`
- **Return Code:** 48
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92025E
  Message: `Bad Request: The specified IPAddress or IPAddress range and/or the specified ResourceType are invalid.`
- **Return Code:** 1
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92026E
  Message: `An error has occurred, check to see if specified parameter(s) have been placed in double quotes.`

RemoveDiscoveryJob action

Description

Remove a discovery job from Systems Director. The discovery job can be selected from the Most Recent Discovery Jobs workspace view in the System Discovery workspace.

System command

To include the Take Action command in a situation or workflow policy, use the following syntax for the system command:

```
REMOVEDISCOVERYJOB \

   [KD9_DISCOVERY_JOBS.DISCOVERY_ID]
```

You can use attribute substitution to supply the Take Action command arguments from the situation, for example:

```
REMOVEDISCOVERYJOB \

[&{KD9_DISCOVERY_JOBS.DISCOVERY_ID}]
```

You can also use attribute substitution in a workflow policy though the format is slightly different:

```
REMOVEDISCOVERYJOB \

[&WaitOnSituation:KD9_DISCOVERY_JOBS.DISCOVERY_ID]
```

Arguments

- **Name:** KD9_DISCOVERY_JOBS.DISCOVERY_ID
  Description: The internal discovery job identifier. By selecting a discovery job from the workspace view, the value is inserted automatically by the command. No input required.

Return codes

- **Return Code:** 0
  Return Code Type: OK
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92000I
  Message: `Request was successful.`
- **Return Code:** 1
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92001E
  Message: `An unrecognized error occurred, contact IBM Support.`
- **Return Code:** 2
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92002E
  Message: `The requested object was not found.`
- **Return Code:** 31
  Return Code Type: GENERAL_ERROR

Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
Message ID: KD92003E
Message: `Unauthorized: The supplied credentials such as logon ID, password, or keystore, if any, are not sufficient to access the resource.`

- **Return Code:** 48
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92005E
  Message: `Bad Request: The contents of the request were invalid, usually inputs to a POST or PUT are incorrect.`
- **Return Code:** 45
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD93004E
  Message: `The requested object was not found. Ensure that the object has been selected in the workspace view.`

RemoveEvent1 action

Description

Remove an event from Systems Director. The event can be selected from the Systems Director base Event Log workspace or the Systems Director base Events With Abnormal Severity workspace.

System command

To include the Take Action command in a situation or workflow policy, use the following syntax for the system command:

```
REMOVEEVENT \

   [KD9_ALL_ENDPOINTS_EVENT_CONSOLE.EVENT_ID]
```

You can use attribute substitution to supply the Take Action command arguments from the situation, for example:

```
REMOVEEVENT \

[&{KD9_ALL_ENDPOINTS_EVENT_CONSOLE.EVENT_ID}]
```

You can also use attribute substitution in a workflow policy though the format is slightly different:

```
REMOVEEVENT \

[&WaitOnSituation:KD9_ALL_ENDPOINTS_EVENT_CONSOLE.EVENT_ID]
```

Arguments

- **Name:** KD9_ALL_ENDPOINTS_EVENT_CONSOLE.EVENT_ID
  Description: The internal event identifier. By selecting an event from the workspace view, the value is inserted automatically by the command. No input required.

Return codes

- **Return Code:** 0
  Return Code Type: OK
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92000I
  Message: `Request was successful.`
- **Return Code:** 1
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92001E
  Message: `An unrecognized error occurred, contact IBM Support.`
- **Return Code:** 2
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92002E
  Message: `The requested object was not found.`
- **Return Code:** 31
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92003E
  Message: `Unauthorized: The supplied credentials such as logon ID, password, or keystore, if any, are not sufficient to access the resource.`
- **Return Code:** 48
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92005E
  Message: `Bad Request: The contents of the request were invalid, usually inputs to a POST or PUT are incorrect.`
- **Return Code:** 45
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD93004E
  Message: `The requested object was not found. Ensure that the object has been selected in the workspace view.`

RemoveEvent2 action

Description

Remove an event from Systems Director. The event can be selected from the Event Log for System Groups workspace.

System command

To include the Take Action command in a situation or workflow policy, use the following syntax for the system command:

```
REMOVEEVENT \
   [KD9_EVENT_LOG_GROUP_VIEW.EVENT_ID]
```

You can use attribute substitution to supply the Take Action command arguments from the situation, for example:

```
REMOVEEVENT \
[&{KD9_EVENT_LOG_GROUP_VIEW.EVENT_ID}]
```

You can also use attribute substitution in a workflow policy though the format is slightly different:

```
REMOVEEVENT \
[&WaitOnSituation:KD9_EVENT_LOG_GROUP_VIEW.EVENT_ID]
```

Arguments

- **Name:** KD9_EVENT_LOG_GROUP_VIEW.EVENT_ID
  Description: The internal event identifier. By selecting an event from the workspace view, the value is inserted automatically by the command. No input required.

Return codes

- **Return Code:** 0
  Return Code Type: OK
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92000I
  Message: `Request was successful.`
- **Return Code:** 1
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92001E
  Message: `An unrecognized error occurred, contact IBM Support.`
- **Return Code:** 2
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92002E
  Message: `The requested object was not found.`
- **Return Code:** 31
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92003E
  Message: `Unauthorized: The supplied credentials such as logon ID, password, or keystore, if any, are not sufficient to access the resource.`
- **Return Code:** 48
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92005E

Message: `Bad Request: The contents of the request were invalid, usually inputs to a POST or PUT are incorrect.`

- **Return Code:** 45
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD93004E
  Message: `The requested object was not found. Ensure that the object has been selected in the workspace view.`

RemoveJob1 action

Description

Remove a job from Systems Director. The job can be selected from the Systems Director Jobs workspace view.

System command

To include the Take Action command in a situation or workflow policy, use the following syntax for the system command:

```
REMOVEJOB \

   [KD9_ALL_JOBS.JOB_ID]
```

You can use attribute substitution to supply the Take Action command arguments from the situation, for example:

```
REMOVEJOB \

[&{KD9_ALL_JOBS.JOB_ID}]
```

You can also use attribute substitution in a workflow policy though the format is slightly different:

```
REMOVEJOB \

[&WaitOnSituation:KD9_ALL_JOBS.JOB_ID]
```

Arguments

- **Name:** KD9_ALL_JOBS.JOB_ID
  Description: The internal job identifier. By selecting a job from the workspace view, the value is inserted automatically by the command. No input required.

Return codes

- **Return Code:** 0
  Return Code Type: OK
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92000I
  Message: `Request was successful.`
- **Return Code:** 1
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92001E
  Message: `An unrecognized error occurred, contact IBM Support.`

- **Return Code:** 2
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92002E
  Message: `The requested object was not found.`
- **Return Code:** 31
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92003E
  Message: `Unauthorized: The supplied credentials such as logon ID, password, or keystore, if any, are not sufficient to access the resource.`
- **Return Code:** 48
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92005E
  Message: `Bad Request: The contents of the request were invalid, usually inputs to a POST or PUT are incorrect.`
- **Return Code:** 45
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD93004E
  Message: `The requested object was not found. Ensure that the object has been selected in the workspace view.`

RemoveJob2 action

Description

Remove a job from Systems Director. The job can be selected from the Jobs for System Groups workspace.

System command

To include the Take Action command in a situation or workflow policy, use the following syntax for the system command:

```
REMOVEJOB \

   [KD9_JOBS_GROUP_VIEW.JOB_ID]
```

You can use attribute substitution to supply the Take Action command arguments from the situation, for example:

```
REMOVEJOB \

[&{KD9_JOBS_GROUP_VIEW.JOB_ID}]
```

You can also use attribute substitution in a workflow policy though the format is slightly different:

```
REMOVEJOB \

[&WaitOnSituation:KD9_JOBS_GROUP_VIEW.JOB_ID]
```

Arguments

- **Name:** KD9_JOBS_GROUP_VIEW.JOB_ID
  Description: The internal job identifier. By selecting a job from the workspace view, the value is inserted automatically by the command. No input required.

Return codes

- **Return Code:** 0
  Return Code Type: OK
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92000I
  Message: `Request was successful.`
- **Return Code:** 1
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92001E
  Message: `An unrecognized error occurred, contact IBM Support.`
- **Return Code:** 2
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92002E
  Message: `The requested object was not found.`
- **Return Code:** 31
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92003E
  Message: `Unauthorized: The supplied credentials such as logon ID, password, or keystore, if any, are not sufficient to access the resource.`
- **Return Code:** 48
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92005E
  Message: `Bad Request: The contents of the request were invalid, usually inputs to a POST or PUT are incorrect.`
- **Return Code:** 45
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD93004E
  Message: `The requested object was not found. Ensure that the object has been selected in the workspace view.`

RemoveJob3 action

Description

Remove a job from Systems Director. The job can be selected from the Jobs workspace.

System command

To include the Take Action command in a situation or workflow policy, use the following syntax for the system command:

```
REMOVEJOB \

   [KD9_JOBS.JOB_ID]
```

You can use attribute substitution to supply the Take Action command arguments from the situation, for example:

```
REMOVEJOB \

[&{KD9_JOBS.JOB_ID}]
```

You can also use attribute substitution in a workflow policy though the format is slightly different:

```
REMOVEJOB \

[&WaitOnSituation:KD9_JOBS.JOB_ID]
```

Arguments

- **Name:** KD9_JOBS.JOB_ID
  Description: The internal job identifier. By selecting a job from the workspace view, the value is inserted automatically by the command. No input required.

Return codes

- **Return Code:** 0
  Return Code Type: OK
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92000I
  Message: `Request was successful.`
- **Return Code:** 1
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92001E
  Message: `An unrecognized error occurred, contact IBM Support.`
- **Return Code:** 2
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92002E
  Message: `The requested object was not found.`
- **Return Code:** 31
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92003E
  Message: `Unauthorized: The supplied credentials such as logon ID, password, or keystore, if any, are not sufficient to access the resource.`
- **Return Code:** 48
  Return Code Type: GENERAL_ERROR

Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
Message ID: KD92005E
Message: `Bad Request: The contents of the request were invalid, usually inputs to a POST or PUT are incorrect.`

- **Return Code:** 45
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD93004E
  Message: `The requested object was not found. Ensure that the object has been selected in the workspace view.`

RemoveSystem1 action

Description

Remove a managed endpoint system from Systems Director. The system can be selected from the All Managed Endpoints workspace view, any of the Director Server Status workspaces or the Systems Discovery workspace.

System command

To include the Take Action command in a situation or workflow policy, use the following syntax for the system command:

```
REMOVESYSTEM \

   [KD9_ALL_MANAGED_ENDPOINTS.OID]
```

You can use attribute substitution to supply the Take Action command arguments from the situation, for example:

```
REMOVESYSTEM \

[&{KD9_ALL_MANAGED_ENDPOINTS.OID}]
```

You can also use attribute substitution in a workflow policy though the format is slightly different:

```
REMOVESYSTEM \

[&WaitOnSituation:KD9_ALL_MANAGED_ENDPOINTS.OID]
```

Arguments

- **Name:** KD9_ALL_MANAGED_ENDPOINTS.OID
  Description: The internal system identifier. By selecting a system from the workspace view, the value is inserted automatically by the command. No input required.

Return codes

- **Return Code:** 0
  Return Code Type: OK
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92000I
  Message: `Request was successful.`
- **Return Code:** 1

Return Code Type: GENERAL_ERROR
Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
Message ID: KD92001E
Message: `An unrecognized error occurred, contact IBM Support.`

- **Return Code:** 2
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92002E
  Message: `The requested object was not found.`
- **Return Code:** 31
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92003E
  Message: `Unauthorized: The supplied credentials such as logon ID, password, or keystore, if any, are not sufficient to access the resource.`
- **Return Code:** 48
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92005E
  Message: `Bad Request: The contents of the request were invalid, usually inputs to a POST or PUT are incorrect.`
- **Return Code:** 45
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD93004E
  Message: `The requested object was not found. Ensure that the object has been selected in the workspace view.`

RemoveSystem2 action

Description

Remove a managed endpoint system from Systems Director. The system can be selected from the Group Systems workspace view.

System command

To include the Take Action command in a situation or workflow policy, use the following syntax for the system command:

```
REMOVESYSTEM \

   [KD9_ENDPOINTS_GROUP_VIEW.SYSOID]
```

You can use attribute substitution to supply the Take Action command arguments from the situation, for example:

```
REMOVESYSTEM \

[&{KD9_ENDPOINTS_GROUP_VIEW.SYSOID}]
```

You can also use attribute substitution in a workflow policy though the format is slightly different:

```
REMOVESYSTEM \

[&WaitOnSituation:KD9_ENDPOINTS_GROUP_VIEW.SYSOID]
```

Arguments

- **Name:** KD9_ENDPOINTS_GROUP_VIEW.SYSOID
  Description: The internal system identifier. By selecting a system from the workspace view, the value is inserted automatically by the command. No input required.

Return codes

- **Return Code:** 0
  Return Code Type: OK
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92000I
  Message: `Request was successful.`
- **Return Code:** 1
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92001E
  Message: `An unrecognized error occurred, contact IBM Support.`
- **Return Code:** 2
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92002E
  Message: `The requested object was not found.`
- **Return Code:** 31
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92003E
  Message: `Unauthorized: The supplied credentials such as logon ID, password, or keystore, if any, are not sufficient to access the resource.`
- **Return Code:** 48
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92005E
  Message: `Bad Request: The contents of the request were invalid, usually inputs to a POST or PUT are incorrect.`
- **Return Code:** 45
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD93004E
  Message: `The requested object was not found. Ensure that the object has been selected in the workspace view.`

RemoveSystem3 action

Description

Remove a managed endpoint system from Systems Director. The system can be selected from the System Information workspace view in the Systems Director Managed Endpoint workspace.

System command

To include the Take Action command in a situation or workflow policy, use the following syntax for the system command:

```
REMOVESYSTEM \

   [KD9_ENDPOINT_SYSTEM.SYSOID]
```

You can use attribute substitution to supply the Take Action command arguments from the situation, for example:

```
REMOVESYSTEM \

[&{KD9_ENDPOINT_SYSTEM.SYSOID}]
```

You can also use attribute substitution in a workflow policy though the format is slightly different:

```
REMOVESYSTEM \

[&WaitOnSituation:KD9_ENDPOINT_SYSTEM.SYSOID]
```

Arguments

- **Name:** KD9_ENDPOINT_SYSTEM.SYSOID
  Description: The internal system identifier. By selecting the system from the workspace view, the value is inserted automatically by the command. No input required.

Return codes

- **Return Code:** 0
  Return Code Type: OK
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92000I
  Message: `Request was successful.`
- **Return Code:** 1
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92001E
  Message: `An unrecognized error occurred, contact IBM Support.`
- **Return Code:** 2
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92002E
  Message: `The requested object was not found.`
- **Return Code:** 31
  Return Code Type: GENERAL_ERROR

Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
Message ID: KD92003E
Message: `Unauthorized: The supplied credentials such as logon ID, password, or keystore, if any, are not sufficient to access the resource.`

- **Return Code:** 48
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD92005E
  Message: `Bad Request: The contents of the request were invalid, usually inputs to a POST or PUT are incorrect.`
- **Return Code:** 45
  Return Code Type: GENERAL_ERROR
  Operating systems: AIX (32-bit), AIX (64-bit), Linux 2.6 (Intel), Linux (64-bit x86), Windows
  Message ID: KD93004E
  Message: `The requested object was not found. Ensure that the object has been selected in the workspace view.`

Chapter 7. Policies reference

This chapter contains an overview of policies, references for detailed information about policies, and descriptions of the predefined policies included in this monitoring agent, if any.

About policies

Policies are an advanced automation technique for implementing more complex workflow strategies than you can create through simple automation.

A *policy* is a set of automated system processes that can perform actions, schedule work for users, or automate manual tasks. You use the Workflow Editor to design policies. You control the order in which the policy executes a series of automated steps, which are also called activities. Policies are connected to create a workflow. After an activity is completed, Tivoli Enterprise Portal receives return code feedback and advanced automation logic responds with subsequent activities prescribed by the feedback.

More information about policies

This monitoring agent does not provide predefined policies. For more information about working with policies, see the *Tivoli Enterprise Portal User's Guide*.

For information about using the Workflow Editor, see the *IBM Tivoli Monitoring Administrator's Guide* or the Tivoli Enterprise Portal online help.

Predefined policies

The IBM Tivoli Monitoring Agent for Systems Director base does not provide predefined policies.

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Chapter 8. Troubleshooting

This chapter provides agent-specific troubleshooting information. See the *IBM Tivoli Monitoring Troubleshooting Guide* for general troubleshooting information. Also see "Support information" on page 792 for other problem-solving options.

Note: You can resolve some problems by ensuring that your system matches the system requirements listed in Chapter 2, "Requirements and agent-specific installation and configuration information for the monitoring agent," on page 5.

Gathering product information for IBM Software Support

Before contacting IBM Software Support about a problem you are experiencing with this product, gather the information in Table 2 that relates to the problem.

Table 2. Information to gather before contacting IBM Software Support

Information type	Description
Log files	Collect trace log files from failing systems. Most logs are located in a `logs` subdirectory on the host computer. See "Trace logging" on page 774 for lists of all trace log files and their locations. See the *Tivoli Enterprise Portal User's Guide* for general information about the IBM Tivoli Monitoring environment.
IBM Systems Director base information	Version number and patch level
Operating system	Operating system version number and patch level
Messages	Messages and other information displayed on the screen
Version numbers for IBM Tivoli Monitoring	Version number of the following members of the monitoring environment: • IBM Tivoli Monitoring. Also provide the patch level, if available. • IBM Tivoli Monitoring Agent for Systems Director base
Screen captures	Screen captures of incorrect output, if any.
(*UNIX only*) Core dump files	If the system stops on UNIX systems, collect the core dump file from the *install_dir*/bin directory, where *install_dir* is the directory where you installed the monitoring agent.

See http://www.ibm.com/software/support/probsub.html for information about working with IBM Software Support.

Built-in troubleshooting features

The primary troubleshooting feature in the IBM Tivoli Monitoring Agent for Systems Director base is logging. *Logging* refers to the text messages and trace data generated by the IBM Tivoli Monitoring Agent for Systems Director base. Messages and trace data are sent to a file.

Trace data captures transient information about the current operating environment when a component or application fails to operate as designed. IBM Software Support personnel use the captured trace information to determine the source of an error or unexpected condition. See "Trace logging" on page 774 for more information.

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Problem classification

The following types of problems might occur with the IBM Tivoli Monitoring Agent for Systems Director base:

- Installation and configuration
- General usage and operation
- Display of monitoring data
- Take Action commands

This chapter provides symptom descriptions and detailed workarounds for these problems, and describes the logging capabilities of the monitoring agent. See the *IBM Tivoli Monitoring Troubleshooting Guide* for general troubleshooting information.

Trace logging

Trace logs capture information about the operating environment when component software fails to operate as intended. The principal log type is the RAS (Reliability, Availability, and Serviceability) trace log. These logs are in the English language only. The RAS trace log mechanism is available for all components of IBM Tivoli Monitoring. Most logs are located in a `logs` subdirectory on the host computer. See the following sections to learn how to configure and use trace logging:

- "Principal trace log files" on page 775
- "Examples: using trace logs" on page 777
- "Setting RAS trace parameters" on page 778

Note: The documentation refers to the RAS facility in IBM Tivoli Monitoring as "RAS1".

IBM Software Support uses the information captured by trace logging to trace a problem to its source or to determine why an error occurred. All components in the IBM Tivoli Monitoring environment have a default tracing level. The tracing level can be changed on a per-component level to adjust the type of trace information collected, the degree of trace detail, the number of trace logs to be kept, and the amount of disk space used for tracing.

Overview of log file management

Table 3 on page 775 provides the names, locations, and descriptions of RAS1 log files. The log file names adhere to the following naming convention:

Windows systems

hostname_productcode_program_HEXtimestamp-nn.log

Linux and UNIX systems

hostname_productcode_HEXtimestamp-nn.log

where:

- *hostname* is the host name of the computer where the monitoring component is running.
- *productcode* is the two-character product code. For IBM Tivoli Monitoring Agent for Systems Director base, the product code is d9.
- *program* is the name of the program being run.
- *HEXtimestamp* is a hexadecimal time stamp representing the time at which the program started.

- *nn* is a rolling log suffix.

Principal trace log files

Table 3 contains locations, file names, and descriptions of trace logs that can help determine the source of problems with agents.

Table 3. Trace log files for troubleshooting agents

System where log is located	File name and path	Description
On the Tivoli Enterprise Monitoring Server	• **Windows:** The file in the *install_dir*\InstallITM path • **UNIX:** The candle_installation.log file in the *install_dir*/logs path	Provides details about products that are installed. **Note:** Trace logging is enabled by default. A configuration step is not required to enable this tracing.
On the Tivoli Enterprise Monitoring Server	The Warehouse_Configuration.log file is in the following location on Windows systems: *install_dir*\InstallITM	Provides details about the configuration of data warehousing for historical reporting.
On the Tivoli Enterprise Monitoring Server	The name of the RAS log file is as follows: • **Windows:** *install_dir*\logs\ *hostname*_ms_*timestamp-nn*.log • **UNIX:** *install_dir*/logs/ *hostname*_ms_*timestamp-nn*.log **Note:** File names for RAS1 logs include a hexadecimal time stamp. Also on UNIX systems, a log with a decimal time stamp is provided: *hostname_productcode_timestamp*.log and *hostname_productcode_timestamp*.pid*nnnnn* in the *install_dir*/logs path, where *nnnnn* is the process ID number.	Traces activity on the monitoring server.
On the Tivoli Enterprise Portal Server	The name of the RAS log file is as follows: • **Windows:** *install_dir*\logs\ *hostname*_cq_HEXtimestamp-nn.log • **UNIX:** *install_dir*/logs/ *hostname*_cq_HEXtimestamp-nn.log **Note:** File names for RAS1 logs include a hexadecimal time stamp. Also on UNIX systems, a log with a decimal time stamp is provided: *hostname_productcode_timestamp*.log and *hostname_productcode_ timestamp*.pid*nnnnn* in the *install_dir*/logs path, where *nnnnn* is the process ID number.	Traces activity on the portal server.
On the Tivoli Enterprise Portal Server	The teps_odbc.log file is located in the following path: • **Windows**: *install_dir*\InstallITM • **UNIX**: *install_dir*/logs	When you enable historical reporting, this log file traces the status of the warehouse proxy agent.

Table 3. Trace log files for troubleshooting agents (continued)

System where log is located	File name and path	Description
On the computer that hosts the monitoring agent	The RAS1 log files are as follows: • **Windows:** *hostname*_d9_*instancename* \ _kd9agent_HEXtimestamp-nn.log in the *install_dir*\tmaitm6\logs directory • **UNIX:** *hostname*_d9_*instancename* \ _HEXtimestamp-nn.log in the *install_dir*/logs directory • On UNIX systems, the following additional logs are provided: – *hostname*_d9_timestamp.log – *hostname*_d9_timestamp.pidnnnnn in the *install_dir*/logs path, where *nnnnn* is the process ID number	Traces activity of the monitoring agent.
On the computer that hosts the monitoring agent	The data provider log file is as follows: kd9_JAVA_*instance*_tracen.log For example, the active log file is: kd9_JAVA_ITMDIR80_trace.log Additional log files will have the number appended to it as in: kd9_JAVA_ITMDIR80_trace1.log kd9_JAVA_ITMDIR80_trace2.log kd9_JAVA_ITMDIR80_trace3.log These logs are in the following directory depending on the operating system that you are using: • **Windows:** *install_dir*\tmaitm6\logs • **UNIX:** *install_dir*/logs	The trace levels are: • Off • Error • Warning • Information • Minimum Debug • Medium Debug • Maximum Debug • All
On the computer that hosts the monitoring agent	The agent operations log files are as follows: **Windows:** *instance_hostname*_D9.LG0 is the current log created when the agent was started. *instance_hostname*_D9.LG1 is the backup of the previous log. **UNIX:** *instance_hostname*_D9:LG0 is the current log created when the agent was started. *instance_hostname*_D9:LG1 is the backup of the previous log. These logs are in the following directory depending on the operating system that you are using: • **Windows:** *install_dir*\tmaitm6\logs • **UNIX:** *install_dir*/logs	Shows whether the agent was able to connect to the monitoring server. Shows which situations are started and stopped, and shows other events while the agent is running. A new version of this file is generated every time the agent is restarted. IBM Tivoli Monitoring generates one backup copy of the *.LG0 file with the tag .LG1. View .LG1 to learn the following details regarding the *previous* monitoring session: • Status of connectivity with the monitoring server. • Situations that were running. • The success or failure status of Take Action commands.

Table 3. Trace log files for troubleshooting agents (continued)

System where log is located	File name and path	Description
On the computer that hosts the monitoring agent	The Take Action command log files are as follows: • *host*_d9_*instance_takeactioncommand*.log The logs are in the following directories: • **Windows:** *install_dir*\tmaitm6\logs • **UNIX:** *install_dir*/logs	Traces activity each time a Take Action command runs. For example, when a hypothetical **start_command** Take Action command runs, IBM Tivoli Monitoring generates a start_command.log file.

Definitions of variables:

timestamp is time stamp whose format includes year (y), month (m), day (d), hour (h), and minute (m), as follows: **yyyymmdd hhmm**

HEXtimestamp is a hexadecimal representation of the time at which the process was started.

install_dir represents the directory path where you installed the IBM Tivoli Monitoring component. *install_dir* can represent a path on the computer that hosts the monitoring system, the monitoring agent, or the portal.

instance refers to the name of the database instance that you are monitoring.

hostname refers to the name of the computer on which the IBM Tivoli Monitoring component runs.

nn represents the circular sequence in which logs are rotated. Ranges from 1-5, by default. But the first is always retained, because it includes configuration parameters.

productcode specifies the product code, for example, um for Universal Agent or nt for Windows.

See the *IBM Tivoli Monitoring Installation and Setup Guide* for more information about the complete set of trace logs that are maintained on the monitoring server.

Examples: using trace logs

Typically, IBM Software Support applies specialized knowledge to analyze trace logs to determine the source of problems. You can open trace logs in a text editor to learn some basic facts about your IBM Tivoli Monitoring environment. The following examples are from the Tivoli Enterprise Monitoring Server log.

Example one

This excerpt shows the typical log for a failed connection between a monitoring agent and a monitoring server with the host name **server1a**:

```
(Thursday, August 11, 2005, 08:21:30-{94C}kdcl0cl.c,105,"KDCL0_ClientLookup") status=1c020006,
 "location server unavailable", ncs/KDC1_STC_SERVER_UNAVAILABLE
(Thursday, August 11, 2005, 08:21:35-{94C}kraarreg.cpp,1157,"LookupProxy") Unable to connect to
 broker at ip.pipe:: status=0, "success", ncs/KDC1_STC_OK
(Thursday, August 11, 2005, 08:21:35-{94C}kraarreg.cpp,1402,"FindProxyUsingLocalLookup") Unable
 to find running CMS on CT_CMSLIST <IP.PIPE:#server1a>
```

Example two

The following excerpts from the trace log *for the monitoring server* show the status of an agent, identified here as "Remote node." The name of the computer where the agent is running is **SERVER5B**:

```
(42C039F9.0000-6A4:kpxreqhb.cpp,649,"HeartbeatInserter") Remote node SERVER5B:D9 is ON-LINE.
. . .
(42C3079B.0000-6A4:kpxreqhb.cpp,644,"HeartbeatInserter") Remote node SERVER5B:D9 is OFF-LINE.
```

Key points regarding the preceding excerpt:

- The monitoring server appends the **D9** product code to the server name to form a unique name (SERVER5B:D9) for this instance of the IBM Tivoli Monitoring Agent for Systems Director base. By using this unique name, you can distinguish multiple monitoring products that might be running on **SERVER5B**.

- The log shows when the agent started (ON-LINE) and later stopped (OFF-LINE) in the environment.
- For the sake of brevity, an ellipsis (...) represents the series of trace log entries that were generated while the agent was running.
- Between the ON-LINE and OFF-LINE log entries, the agent was communicating with the monitoring server.
- The ON-LINE and OFF-LINE log entries are always available in the trace log. All trace levels that are described in "Setting RAS trace parameters" provide these entries.

On Windows systems, you can use the following alternate method to view trace logs:

1. In the Windows **Start** menu, choose **Program Files > IBM Tivoli Monitoring > Manage Tivoli Enterprise Monitoring Services**. The Manage Tivoli Enterprise Monitoring Services window is displayed.
2. Right-click a component and select **Advanced > View Trace Log** in the menu. For example, if you want to view the trace log of the IBM Systems Director base agent, right-click the name of that agent in the window. You can also use the viewer to access remote logs.

   Note: The viewer converts time stamps in the logs to a format that is easier to read.

Setting RAS trace parameters

Objective

Pinpoint a problem by setting detailed tracing of individual components of the monitoring agent and modules.

Background Information

The IBM Tivoli Monitoring Agent for Systems Director base uses RAS1 tracing and generates the logs described in Table 3 on page 775. The default RAS1 trace level is ERROR.

Before you begin

See "Overview of log file management" on page 774 to ensure that you understand log rolling and can reference the correct log files when you manage log file generation.

After you finish

Monitor the size of the `logs` directory. Default behavior can generate a total of 45 MB to 60 MB for each agent that is running on a computer. For example, each database instance that you monitor can generate 45 to 60 MB of log data. See the "Procedure" section to learn how to adjust file size and numbers of log files to prevent logging activity from occupying too much disk space.

Regularly prune log files other than the RAS1 log files in the logs directory. Unlike the RAS1 log files that are pruned automatically, other log types can grow indefinitely, for example, the logs in Table 3 on page 775 that include a process ID number (PID).

Use collector trace logs as an additional source of troubleshooting information.

Note: The **KDC_DEBUG** setting and the Maximum error tracing setting can generate a large amount of trace logging. Use these settings only

temporarily while you are troubleshooting problems. Otherwise, the logs can occupy excessive amounts of hard disk space.

Procedure

On Windows systems, you can use the graphical user interface to set trace options:

1. Open the Manage Tivoli Enterprise Monitoring Services window.
2. Right-click the icon of the monitoring agent with logging you want to modify.
3. Select **Advanced** > **Edit Trace Parms**. The Tivoli Enterprise Monitoring Server Trace Parameters window is displayed.
4. Select a new trace setting in the pull-down menu in the **Enter RAS1 Filters** field or type a valid string.

   The selections are as follows:

   - General error tracing. `KBB_RAS1=ERROR`
   - Intensive error tracing. `KBB_RAS1=ERROR (UNIT:kqz ALL)`
   - Maximum error tracing. `KBB_RAS1=ERROR (UNIT:kqz ALL) (UNIT:kra ALL)`

     Notes®: As this example shows, you can set multiple RAS tracing options in a single statement.
5. Modify the value for 'Maximum Log Size Per File (MB)" to change the log file size (changes LIMIT value).
6. Modify the value for 'Maximum Number of Log Files Per Session" to change the number of log files per startup of a program (changes COUNT value).
7. Modify the value for 'Maximum Number of Log Files Total" to change the number of log files for all startups of a program (changes MAXFILES value).
8. (*Optional*) Click Y (Yes) in the **KDC_DEBUG Setting** menu to log information that can help you diagnose communications and connectivity problems between the monitoring agent and the monitoring server.

   Note: The **KDC_DEBUG** setting and the Maximum error tracing setting can generate a large amount of trace logging. Use these settings only temporarily, while you are troubleshooting problems. Otherwise, the logs can occupy excessive amounts of hard disk space.
9. Click **OK**. You see a message reporting a restart of the monitoring agent so that your changes take effect.

You can also manually edit the RAS1 trace logging parameters using this method:

1. Open the trace options file:

   Windows: *install_dir*\tmaitm6\KD9ENV

   UNIX: *install_dir*/config/d9.ini
2. Edit the line that begins with KBB_RAS1= to set trace logging preferences. For example, if you want detailed trace logging, set the Maximum Tracing option:`KBB_RAS1=ERROR (UNIT:kqz ALL) (UNIT:kra ALL)`
3. Edit the line that begins with **KBB_RAS1_LOG=** to manage the generation of log files:
   - MAXFILES: the total number of files that are to be kept for all startups of a given program. When this value is exceeded, the oldest log files are discarded. Default value is 9.
   - LIMIT: the maximum size, in megabytes (MB) of a RAS1 log file. Default value is 5.
   - IBM Software Support might guide you to modify the following parameters:

– COUNT: the number of log files to keep in the rolling cycle of one program startup. Default is 3.
– PRESERVE: the number of files that are not to be reused in the rolling cycle of one program startup. Default value is 1.

Notes: The **KBB_RAS1_LOG** parameter also provides for the specification of the log file directory, log file name, and the inventory control file directory and name. Do not modify these values or log information can be lost.

4. Restart the monitoring agent so that your changes take effect.

Problems and workarounds

The following sections provide symptoms and workarounds for problems that might occur with the IBM Tivoli Monitoring Agent for Systems Director base:

- "Installation and configuration troubleshooting" on page 780
- "Remote deployment troubleshooting" on page 784
- "Agent troubleshooting" on page 785
- "Workspace troubleshooting" on page 787
- "Situation troubleshooting" on page 789

Note: You can resolve some problems by ensuring that your system matches the system requirements listed in Chapter 2, "Requirements and agent-specific installation and configuration information for the monitoring agent," on page 5.

This Troubleshooting chapter provides agent-specific troubleshooting information. See the *IBM Tivoli Monitoring Troubleshooting Guide* for general troubleshooting information.

Installation and configuration troubleshooting

This section provides tables that show solutions for installation, configuration, and uninstallation problems.

Table 4. Problems and solutions for installation and configuration

Problem	Solution
(*UNIX only*) During a command-line installation, you choose to install a component that is currently installed, and you see the following warning: `WARNING - you are about to install the SAME version of "component_name"` where *component_name* is the name of the component that you are attempting to install. **Note:** This problem affects UNIX command-line installations. If you monitor only Windows environments, you see this problem if you choose to install a product component (for example, a monitoring server) on a UNIX system.	You must exit and restart the installation process. You cannot return to the list where you selected components to install. When you run the installer again, do not attempt to install any component that is currently installed.

Table 4. Problems and solutions for installation and configuration (continued)

Problem	Solution
A problem can arise when you install and configure a new monitoring agent on a computer where other agents are running as described in this example: • Agents are running on a computer and communicating with a Tivoli Enterprise Monitoring Server, called **TEMS1**. • You install a new agent on the same computer and you want this agent to communicate with a different monitoring server, called **TEMS2**. • When you configure the new agent to communicate with **TEMS2**, all the existing agents are reconfigured to communicate with **TEMS2**.	You must reconfigure the previously existing agents to restore their communication connection with **TEMS1**. For example, you can right-click the row for a specific agent in the Manage Tivoli Enterprise Monitoring Services, and select **Reconfigure**. See the *IBM Tivoli Monitoring Installation and Setup Guide* for more information about reconfiguration.
Diagnosing problems with product browse settings (Windows systems only).	When you have problems with browse settings, perform the following steps: 1. Click **Start > Programs > IBM Tivoli Monitoring > Manage Tivoli Enterprise Monitoring Services**. The Manage Tivoli Enterprise Monitoring Services window is displayed. 2. Right-click the Windows agent and select **Browse Settings**. A text window is displayed. 3. Click **Save As** and save the information in the text file. If requested, you can forward this file to IBM Software Support for analysis.
A message similar to "Unable to find running CMS on CT_CMSLIST" in the log file is displayed.	If a message similar to "Unable to find running CMS on CT_CMSLIST" is displayed in the log file, the agent cannot connect to the monitoring server. Confirm the following points: • Do multiple network interface cards (NICs) exist on the system? • If multiple NICs exist on the system, find out which one is configured for the monitoring server. Ensure that you specify the correct host name and port settings for communication in the IBM Tivoli Monitoring environment.
The system is experiencing high CPU usage.	**Agent process:** View the memory usage of the KD9CMA process. If CPU usage seems to be excessive, recycle the monitoring agent. **Network Cards:** The network card configurations can decrease the performance of a system. Each of the stream of packets that a network card receives (assuming that it is a broadcast or destined for the under-performing system) must generate a CPU interrupt and transfer the data through the I/O bus. If the network card in question is a bus-mastering card, work can be offloaded and a data transfer between memory and the network card can continue without using CPU processing power. Bus-mastering cards are 32-bit and are based on PCI or EISA bus architectures.

Table 4. Problems and solutions for installation and configuration (continued)

Problem	Solution
Cannot find the data provider trace log, kd9_JAVA_*instance*_trace*n*.	If you cannot locate this trace log, then the Java data provider has not started. In the Configuration wizard, check your entry in the **Java home** field of the Java page, and, if specified, the **JVM arguments** field.
The data provider log file, kd9_JAVA_*instance*_trace*n*, contains the following error: Error POSTing JSON Object:{"Version":"1.0.0","Topic": \ "Director.eventservice.events","Timeout":2147483647	The specified Director user name or password is invalid. or On Windows, the user name does not have Systems Director smadmin authority or Administrator authority. or On UNIX, the user name does not have Systems Director smadmin authority or root authority. **Note:** A user name authority change might take a few minutes to be recognized by the Systems Director REST and JMS SDK used by this Agent.
The data provider log file, kd9_JAVA_*instance*_trace*n*, contains the following error: Error message returned: ATKRST012E "<*Director user name*>" is not authorized to access the requested resource.	The specified Director user name or password is invalid. or On Windows, the user name does not have Systems Director smadmin authority or Administrator authority. or On UNIX, the user name does not have Systems Director smadmin authority or root authority. **Note:** A user name authority change might take a few minutes to be recognized by the Systems Director REST and JMS SDK used by this Agent.
The data provider log file, kd9_JAVA_*instance*_trace*n*, contains the following error: java.net.UnknownHostException: <*host name* or *IP address*>	The specified Director server name or IP address is invalid. Correct and try again.
The data provider log file, kd9_JAVA_*instance*_trace*n*, contains the following error: java.net.ConnectException: Connection refused: connect	The specified Director REST port number is invalid. Check the specified REST port number in: `DIRECTOR_HOME\Director\lwi\conf\overrides\ USMi.properties` Line: com.ibm.pvc.webcontainer.port.secure=8422
The data provider log file, kd9_JAVA_*instance*_trace*n*, contains the following error: javax.jms.JMSException: Could not connect to broker URL: tcp://<*Director server address*>: <*JMS port number*> Reason: java.net.ConnectException: Connection refused: connect	The specified JMS port number is invalid. Check the specified JMS port number in: `DIRECTOR_HOME\Director\lwi\conf\overrides\ directorbroker.properties` Line: directorbroker.transportConnectorURIs=vm:// localhost,tcp://localhost:61616

Table 4. Problems and solutions for installation and configuration (continued)

Problem	Solution
The data provider log file, kd9_JAVA_*instance*_trace*n*, contains the following error: java.net.SocketException: Default SSL context init failed: IBMTrustManager: Problem accessing truststore java.lang.Exception: Truststore file does not exist: <*truststore file* and *pathname*>	The specified Director truststore file cannot be found. Correct and try again.
The data provider log file, kd9_JAVA_*instance*_trace*n*, contains the following error: java.net.SocketException: Default SSL context init failed: IBMTrustManager: Problem accessing trust store java.io.IOException: Keystore was tampered with, or password was incorrect	The specified truststore password is incorrect. Correct and try again.

Table 5. General problems and solutions for uninstallation

Problem	Solution
On Windows, uninstallation of IBM Tivoli Monitoring fails to uninstall the entire environment.	Be sure that you follow the general uninstallation process described in the *IBM Tivoli Monitoring Installation and Setup Guide*: 1. Remove Tivoli Enterprise Monitoring Server Application support by completing the following steps: a. Use Manage Tivoli Enterprise Monitoring Services. b. Select **Tivoli Enterprise Monitoring Server**. c. Right-click and select **Advanced**. d. Select **Remove TEMS application support**. e. Select the agent to remove its application support. 2. Uninstall monitoring agents first, as in the following examples: • Uninstall a single monitoring agent for a specific database. -OR- • Uninstall all instances of a monitoring product, such as IBM Tivoli Monitoring for Databases. 3. Uninstall IBM Tivoli Monitoring.
The way to remove inactive managed systems (systems whose status is OFFLINE) from the Navigator tree in the portal is not obvious.	Use the following steps to remove, but not uninstall, an offline managed system from the Navigator tree: 1. Click the Enterprise icon in the Navigator tree. 2. Right-click, and then click **Workspace** > **Managed System Status**. 3. Right-click the offline managed system, and select **Clear offline entry**. If you also want to uninstall the monitoring agent, use the procedure described in the *IBM Tivoli Monitoring Installation and Setup Guide*.

Table 5. General problems and solutions for uninstallation (continued)

Problem	Solution
IBM Tivoli Monitoring might not be able to generate a unique name for monitoring components because of the truncation of names that the product automatically generates.	If the agent supports multi-instances, IBM Tivoli Monitoring automatically creates a name for each monitoring component by concatenating the subsystem name, host name, and product code separated by colons (*subsystem_name*:*hostname*:KD9). **Note:** When you monitor a multinode system, such as a database, IBM Tivoli Monitoring adds a subsystem name to the concatenated name, typically a database instance name. The length of the name that IBM Tivoli Monitoring generates is limited to 32 characters. Truncation can result in multiple components having the same 32-character name. If this problem happens, shorten the *hostname* portion of the name as follows: 1. Open the configuration file for the monitoring agent, which is located in the following path: • **On Windows:** *install_dir*\tmaitm6\K*product_code*CMA.INI. For example, the product code for the Monitoring Agent for Windows OS is NT. The file name is KNTCMA.INI. • **On UNIX and Linux:** itm_home/config/*product_code*.ini and *product_code*.config. For example, the file names for the Monitoring Agent for UNIX OS is ux.ini and ux.config. 2. Find the line that begins with **CTIRA_HOSTNAME=**. 3. Type a new name for host name that is a unique, shorter name for the host computer. The final concatenated name including the subsystem name, new host name, and KD9, cannot be longer than 32 characters. **Note:** You must ensure that the resulting name is unique with respect to any existing monitoring component that was previously registered with the Tivoli Enterprise Monitoring Server. 4. Save the file. 5. Restart the agent.

Remote deployment troubleshooting

Table 6 lists problems that might occur with remote deployment. This section provides information about troubleshooting remote deployment of the monitoring agent. See the *IBM Tivoli Monitoring Troubleshooting Guide* for general troubleshooting information.

This section describes problems and solutions for remote deployment and removal of agent software using Agent Remote Deploy process.

Table 6. Remote deployment problems and solutions

Problem	Solution
While you are using the remote deployment feature to install the IBM Tivoli Monitoring Agent for Systems Director base, an empty command window is displayed on the target computer. This problem occurs when the target of remote deployment is a Windows computer. (See the *IBM Tivoli Monitoring Installation and Setup Guide* for more information about the remote deployment feature.)	Do not close or modify this window. It is part of the installation process and is dismissed automatically.

Table 6. Remote deployment problems and solutions (continued)

Problem	Solution
The removal of a monitoring agent fails when you use the remote removal process in the Tivoli Enterprise Portal desktop or browser.	This problem might occur when you attempt the remote removal process immediately after you have restarted the Tivoli Enterprise Monitoring Server. You must allow time for the monitoring agent to refresh its connection with the Tivoli Enterprise Monitoring Server before you begin the remote removal process.

Agent troubleshooting

This section lists problems that might occur with agents.

This chapter provides agent-specific troubleshooting information. See the *IBM Tivoli Monitoring Troubleshooting Guide* for general troubleshooting information.

Table 7. Agent problems and solutions

Problem	Solution
Log data accumulates too rapidly.	Check the RAS trace option settings, which are described in "Setting RAS trace parameters" on page 778. The trace options settings that you can set on the `KBB_RAS1=` and `KDC_DEBUG=` lines potentially generate large amounts of data.
If you want to receive multiple trace logs for separate invocations of the same Take Action command, leaving this setting on permanently fills the available disk space.	Do not leave this setting on permanently. By doing so, you create a new log file for each invocation of the Take Action command and *all* of them are left on the agent system.
When using the itmcmd agent commands to start or stop this monitoring agent, you receive the following error message: `KCIIN0201E Specified product is not configured.`	Include the command option **-o** to specify the instance to start or stop. The instance name must match the name used for configuring the agent. For example: **./itmcmd agent -o SNMP start** For information about using the itmcmd commands, see the *IBM Tivoli Monitoring Command Reference*.

Table 7. Agent problems and solutions (continued)

Problem	Solution
A configured and running instance of the monitoring agent is not displayed in the Tivoli Enterprise Portal, but other instances of the monitoring agent on the same system do appear in the portal.	Tivoli Monitoring products use Remote Procedure Call (RPC) to define and control product behavior. RPC is the mechanism that allows a client process to make a subroutine call (such as GetTimeOfDay or ShutdownServer) to a server process somewhere in the network. Tivoli processes can be configured to use TCP/UDP, TCP/IP, SNA, and SSL as the protocol (or delivery mechanism) for RPCs that you want. "IP.PIPE" is the name given to Tivoli TCP/IP protocol for RPCs. The RPCs are socket-based operations that use TCP/IP ports to form socket addresses. IP.PIPE implements virtual sockets and multiplexes all virtual socket traffic across a single physical TCP/IP port (visible from the netstat command). A Tivoli process derives the physical port for IP.PIPE communications based on the configured, well-known port for the hub Tivoli Enterprise Monitoring Server. (This well-known port or BASE_PORT is configured by using the 'PORT:' keyword on the KDC_FAMILIES / KDE_TRANSPORT environment variable and defaults to '1918'.) The physical port allocation method is defined as (BASE_PORT + 4096*N), where N=0 for a Tivoli Enterprise Monitoring Server process and N={1, 2, ..., 15} for a non-Tivoli Enterprise Monitoring Server. Two architectural limits result as a consequence of the physical port allocation method: • No more than one Tivoli Enterprise Monitoring Server reporting to a specific Tivoli Enterprise Monitoring Server hub can be active on a system image. • No more than 15 IP.PIPE processes can be active on a single system image. A single system image can support any number of Tivoli Enterprise Monitoring Server processes (address spaces) if each Tivoli Enterprise Monitoring Server on that image reports to a different hub. By definition, there is one Tivoli Enterprise Monitoring Server hub per monitoring Enterprise, so this architecture limit has been simplified to one Tivoli Enterprise Monitoring Server per system image. No more than 15 IP.PIPE processes or address spaces can be active on a single system image. With the first limit expressed above, this second limitation refers specifically to Tivoli Enterprise Monitoring Agent processes: no more than 15 agents per system image. This limitation can be circumvented (at current maintenance levels, IBM Tivoli Monitoring V6.1, Fix Pack 4 and later) if the Tivoli Enterprise Monitoring Agent process is configured to use the EPHEMERAL IP.PIPE process. (This process is IP.PIPE configured with the 'EPHEMERAL:Y' keyword in the KDC_FAMILIES / KDE_TRANSPORT environment variable). There is no limitation to the number of ephemeral IP.PIPE connections per system image. If ephemeral endpoints are used, the Warehouse Proxy Agent is accessible from the Tivoli Enterprise Monitoring Server associated with the agents using ephemeral connections either by running the Warehouse Proxy Agent on the same computer or by using the Firewall Gateway feature. (The Firewall Gateway feature relays the Warehouse Proxy Agent connection from the Tivoli Enterprise Monitoring Server computer to the Warehouse Proxy Agent computer if the Warehouse Proxy Agent cannot coexist on the same computer.)
The timestamp returned from the Director Server and the agent is different to that displayed in the Tivoli Enterprise Portal. This difference occurs if the Director Server and the Tivoli Enterprise Portal are in different time zones.	This problem is a current limitation. Check future releases or service levels of IBM Tivoli Monitoring for this fix.

Table 7. Agent problems and solutions (continued)

Problem	Solution
When using the genevent event generation utility to simulate Systems Director events on non-English platforms, the event text might be corrupted.	This problem is a current limitation. Check future releases or service levels of IBM Tivoli Monitoring for this fix.

Workspace troubleshooting

Table 8 shows problems that might occur with workspaces. This chapter provides agent-specific troubleshooting information. See the *IBM Tivoli Monitoring Troubleshooting Guide* for general troubleshooting information.

Table 8. Workspace problems and solutions

Problem	Solution
The process application components are available, but the Availability status shows PROCESS_DATA_NOT_ AVAILABLE.	This problem occurs because the **PerfProc** performance object is disabled. When this condition exists, IBM Tivoli Monitoring cannot collect performance data for this process. Perform the following steps to confirm that this problem exists and resolve it: 1. Choose **Run** in the Windows **Start** menu. 2. Type perfmon.exe in the **Open** field of the Run window. The Performance window is displayed. 3. Click the plus sign (+) in the tool bar located above the right pane. The Add Counters window is displayed. 4. Look for **Process** in the **Performance object** pull-down menu. 5. Perform one of the following actions: • If you see **Process** in the pull-down menu, the **PerfProc** performance object is enabled and the problem is coming from a different source. You might need to contact IBM Software Support. • If you do not see **Process** in the pull-down menu, use the Microsoft® utility from the following Web site to enable the **PerfProc** performance object: http://blogs.technet.com/mscom/archive/2008/12/18/the-mystery-of-the-missing-process-performance-counter-in-perfmon.aspx The **Process** performance object becomes visible in the **Performance object** pull-down menu of the Add Counters windows, and IBM Tivoli Monitoring is able to detect Availability data. 6. Restart the monitoring agent.

Table 8. Workspace problems and solutions (continued)

Problem	Solution
The process application components are available, but the Availability status shows PROCESS_DATA_NOT_ AVAILABLE.	This problem occurs because the **PerfProc** performance object is disabled. When this condition exists, IBM Tivoli Monitoring cannot collect performance data for this process. Complete the following steps to confirm that this problem exists and resolve it: 1. Choose **Run** in the Windows **Start** menu. 2. Type *perfmon.exe* in the **Open** field of the Run window. The Performance window is displayed. 3. Click the plus sign (+) in the tool bar located above the right pane. The Add Counters window is displayed. 4. Look for **Process** in the **Performance object** pull-down menu. 5. Perform one of the following actions: • If you see **Process** in the pull-down menu, the **PerfProc** performance object is enabled and the problem is coming from a different source. You might need to contact IBM Software Support. • If you do not see **Process** in the pull-down menu, use the Microsoft utility from the following Web site to enable the **PerfProc** performance object: http://blogs.technet.com/mscom/archive/2008/12/18/the-mystery-of-the-missing-process-performance-counter-in-perfmon.aspx The **Process** performance object becomes visible in the **Performance object** pull-down menu of the Add Counters windows, and IBM Tivoli Monitoring is able to detect Availability data. 6. Restart the monitoring agent.
The name of the attribute does not display in a bar chart or graph view.	When a chart or graph view that includes the attribute is scaled to a small size, a blank space is displayed instead of a truncated name. To see the name of the attribute, expand the view of the chart until there is sufficient space to display all characters of the attribute name.
At the bottom of each view, you see the following Historical workspace KFWITM220E error: `Request failed during execution.`	Ensure that you configure all groups that supply data to the view. In the Historical Configuration view, ensure that data collection is started for all groups that supply data to the view.
You start collection of historical data but the data cannot be seen.	Managing options for historical data collection: • Basic historical data collection populates the Warehouse with raw data. This type of data collection is turned off by default. See the *IBM Tivoli Monitoring Administrator's Guide* for information about managing this feature including how to set the interval at which data is collected. By setting a more frequent interval for data collection you reduce the load on the system incurred every time data is uploaded. • You use the Summarization and Pruning monitoring agent to collect specific amounts and types of historical data. Historical data is not displayed until the Summarization and Pruning monitoring agent begins collecting the data. By default, this agent begins collection at 2 AM daily. At that point, data is visible in the workspace view. See the *IBM Tivoli Monitoring Administrator's Guide* to learn how to modify the default collection settings.

Table 8. Workspace problems and solutions (continued)

Problem	Solution
Historical data collection is unavailable because of incorrect queries in the Tivoli Enterprise Portal.	The column, Sort By, Group By, and First/Last functions are not compatible with the historical data collection feature. Use of these advanced functions makes a query ineligible for historical data collection. Even if data collection has been started, you cannot use the time span feature if the query for the chart or table includes column functions or advanced query options (Sort By, Group By, First / Last). To ensure support of historical data collection, do not use the Sort By, Group By, or First/Last functions in your queries. See the *IBM Tivoli Monitoring Administrator's Guide* or the Tivoli Enterprise Portal online help for information about the Historical Data Collection function.
When you use a long process name in the situation, the process name is truncated.	Truncation of process or service names for situations in the Availability table in the portal display is the expected behavior. 100 bytes is the maximum name length.
Regular (non-historical) monitoring data fails to be displayed.	Check the formation of the queries you use to gather data. For example, look for invalid SQL statements.
No row of data for 64-bit applications is displayed in the workspaces when the monitoring agent is running on a 64-bit operating system.	The Tivoli Enterprise Portal shows data only for 32-bit applications. There is no solution for this problem at this time.
Navigator items and workspace titles are labeled with internal names such as `Kxx:KXX0000` or `Kxx:KXX0000` rather than the correct names (such as Disk), where XX and xx represent the two-character agent code.	Ensure that application support has been added on the monitoring server, portal server, and portal client. For more information and instruction on installing application support, see "Installing and enabling application support" in the *IBM Tivoli Monitoring Installation and Setup Guide*.

Situation troubleshooting

This section provides information about both general situation problems and problems with the configuration of situations. See the *IBM Tivoli Monitoring Troubleshooting Guide* for more information about troubleshooting for situations.

General situation problems

Table 9 lists general problems that might occur with situations.

Table 9. General situation problems and solutions

Problem	Solution
Monitoring activity requires too much disk space.	Check the RAS trace logging settings that are described in "Setting RAS trace parameters" on page 778. For example, trace logs grow rapidly when you apply the **ALL** logging option.
Monitoring activity requires too many system resources.	"Disk capacity planning for historical data" on page 731 describes the performance impact of specific attribute groups. If possible, decrease your use of the attribute groups that require greater system resources.

Table 9. General situation problems and solutions (continued)

Problem	Solution
A formula that uses mathematical operators appears to be incorrect. For example, if you were monitoring a Linux system, the formula that calculates when **Free Memory** falls under 10 percent of **Total Memory** does not work: `LT #'Linux_VM_Stats.Total_Memory' / 10`	This formula is incorrect because situation predicates support only logical operators. Your formulas cannot have mathematical operators. **Note:** The Situation Editor provides alternatives to math operators. Regarding the example, you can select the **% Memory Free** attribute and avoid the need for math operators.
You want to change the appearance of situations when they are displayed in the navigation tree.	1. Right-click an item in the navigation tree. 2. Select **Situations** in the menu. The Situation Editor window is displayed. 3. Select the situation that you want to modify. 4. Use the **State** pull-down menu in the lower right of the window to set the status and appearance of the Situation when it triggers. **Note:** The **State** setting is not related to severity settings in IBM Tivoli Enterprise Console.
When a situation is triggered in the Event Log attribute group, it remains in the Situation Event Console as long as the event ID entry is present in the Event Log workspace. When this event ID entry is removed from the Event Log workspace on the Tivoli Enterprise Portal, the situation is also cleared even if the actual problem that caused the event is not resolved, and the event ID entry is also present in the Windows Event Viewer.	A timeout occurs on the cache of events for the NT Event Log group. Increase the cache time of Event Log collection to meet your requirements by adding the following variable and timeout value to the `KXXENV` file for the agent: CDP_NT_EVENT_LOG_CACHE_TIMEOUT=3600 This variable determines how long events from the NT Event Log are kept.

Problems with configuration of situations

Table 10 lists problems that might occur with configuring situations.

This section provides information for troubleshooting for agents. Be sure to consult the *IBM Tivoli Monitoring Troubleshooting Guide* for more general troubleshooting information.

Table 10. Problems with configuring situations that you solve in the Situation Editor

Problem	Solution
Note: To get started with the solutions in this section, perform these steps: 1. Launch the Tivoli Enterprise Portal. 2. Click **Edit > Situation Editor**. 3. In the navigation tree, choose the agent whose situation you want to modify. 4. Choose the situation in the list. The Situation Editor view is displayed.	
The situation for a specific agent is not visible in the Tivoli Enterprise Portal.	Open the Situation Editor. Access the All managed servers view. If the situation is absent, confirm that the monitoring server has been seeded for the agent. If not, seed the server, as described in the *IBM Tivoli Monitoring Installation and Setup Guide.*
The monitoring interval is too long.	Access the Situation Editor view for the situation that you want to modify. Check the **Sampling interval** area in the **Formula** tab. Adjust the time interval as needed.

Table 10. Problems with configuring situations that you solve in the Situation Editor (continued)

Problem	Solution
The situation did not activate at startup.	Manually recycle the situation as follows: 1. Right-click the situation and choose **Stop Situation**. 2. Right-click the situation and choose **Start Situation**. **Note:** You can permanently avoid this problem by placing a check mark in the **Run at Startup** option of the Situation Editor view for a specific situation.
The situation is not displayed.	Click the **Action** tab and check whether the situation has an automated corrective action. This action can occur directly or through a policy. The situation might be resolving so quickly that you do not see the event or the update in the graphical user interface.
An Alert event has not occurred even though the predicate has been properly specified.	Check the logs, reports, and workspaces.
A situation fires on an unexpected managed object.	Confirm that you have distributed and started the situation on the correct managed system.
The product did not distribute the situation to a managed system.	Click the **Distribution** tab and check the distribution settings for the situation.
The situation does not fire.	This problem can be caused when incorrect predicates are present in the formula that defines the situation. For example, the managed object shows a state that normally triggers a monitoring event, but the situation is not true because the wrong attribute is specified in the formula. In the **Formula** tab, analyze predicates as follows: 1. Click the *fx* icon in the upper-right corner of the Formula area. The Show formula window is displayed. a. Confirm the following details in the **Formula** area at the top of the window: • The attributes that you intend to monitor are specified in the formula. • The situations that you intend to monitor are specified in the formula. • The logical operators in the formula match your monitoring goal. • The numeric values in the formula match your monitoring goal. b. (*Optional*) Select the **Show detailed formula** check box in the lower left of the window to see the original names of attributes in the application or operating system that you are monitoring. c. Click **OK** to dismiss the Show formula window. 2. (*Optional*) In the Formula area of the **Formula** tab, temporarily assign numeric values that immediately trigger a monitoring event. The triggering of the event confirms that other predicates in the formula are valid. **Note:** After you complete this test, you must restore the numeric values to valid levels so that you do not generate excessive monitoring data based on your temporary settings. See the *IBM Tivoli Monitoring Troubleshooting Guide* for additional information about situations that do not fire.

Table 11. Problems with configuration of situations that you solve in the Workspace area

Problem	Solution
Situation events are not displayed in the Events Console view of the workspace.	Associate the situation with a Navigator item. **Note:** The situation does not need to be displayed in the workspace. It is sufficient that the situation is associated with any Navigator item.

Table 11. Problems with configuration of situations that you solve in the Workspace area (continued)

Problem	Solution
You do not have access to a situation.	**Note:** You must have administrator privileges to perform these steps. 1. Select **Edit** > **Administer Users** to access the Administer Users window. 2. In the **Users** area, select the user whose privileges you want to modify. 3. In the **Permissions** tab, **Applications** tab, and **Navigator Views** tab, select the permissions or privileges that correspond to the user role. 4. Click **OK**.
A managed system seems to be offline.	1. Select Physical View and highlight the Enterprise Level of the navigator tree. 2. Select **View** > **Workspace** > **Managed System Status** to see a list of managed systems and their status. 3. If a system is offline, check network connectivity and the status of the specific system or application.

Take Action commands troubleshooting

Table 12 lists general problems that might occur with Take Action commands. When each Take Action command runs it generates the log file listed in Table 3 on page 775. This chapter provides agent-specific troubleshooting information.

See the *IBM Tivoli Monitoring Troubleshooting Guide* for general troubleshooting information.

Table 12. Take Action commands problems and solutions

Problem	Solution
Take Action commands often require several minutes to complete.	Allow several minutes. If you do not see a message advising you of completion, try to run the command manually.
Situations fail to trigger Take Action commands.	Attempt to manually run the Take Action command in the Tivoli Enterprise Portal. If the Take Action command works, look for configuration problems in the situation. See "Situation troubleshooting" on page 789. If the Take Action command fails, see *IBM Tivoli Monitoring Troubleshooting Guide* for general information about troubleshooting Take Action commands.

Support information

If you have a problem with your IBM software, you want to resolve it quickly. IBM provides the following ways for you to obtain the support you need:

Online

The following sites contain troubleshooting information:

- Go to the IBM Software Support site at http://www.ibm.com/software/support/probsub.html and follow the instructions.
- Go to the IBM Tivoli Distributed Monitoring and Application Management Wiki at http://www.ibm.com/developerworks/wikis/display/tivolimonitoring/Home. Feel free to contribute to this wiki.

IBM Support Assistant

The IBM Support Assistant (ISA) is a free local software serviceability workbench that helps you resolve questions and problems with IBM software products. The ISA provides quick access to support-related

information and serviceability tools for problem determination. To install the ISA software, go to http://www.ibm.com/software/support/isa.

Informational, warning, and error messages

This chapter introduces message logging and explains how to gather information from those logs.

Message logging refers to the text and numeric messages created by the software. These messages relay information about how the system or application is performing and can alert you to exceptional conditions when they occur. Messages are sent to an output destination, such as a file, database, or console screen.

If you receive a warning or error message, you can do one of the following:

- Follow the instructions listed in the Detail window of the message if this information is included there.
- Consult the message details listed in this chapter to see what action you can take to correct the problem.
- Consult the message log for message ID, text, time, and date of the message, as well as other data you can use to diagnose the problem.

Message format

IBM Tivoli Monitoring Agent for Systems Director base messages have the following format:

Message ID and text
Explanation
Operator Response

The message ID has the following format:

`CCC####severity`

where:

CCC Prefix that indicates the component to which the message applies. The component is one of the following:

KD9 General IBM Tivoli Monitoring Agent for Systems Director base messages

Number of the message

severity
Severity of the message. There are three levels of severity:

I Informational messages provide feedback about something that happened in the product or system that might be important. These messages can provide guidance when you are requesting a specific action from the product.

W Warning messages call your attention to an exception condition. The condition might not be an error but can cause problems if not resolved.

E Error messages indicate that an action cannot be completed because of a user or system error. These messages require user response.

The *Text* of the message provides a general statement regarding the problem or condition that occurred. The *Explanation* provides additional information about the message and what might have caused the condition. The *Operator Response* provides actions to take in response to the condition, particularly for error messages (messages with the "E" suffix).

Note: Many message texts and explanations contain variables, such as the specific name of a server or application. Those variables are represented in this chapter as symbols, such as "&1." Actual messages contain values for these variables.

This chapter includes the messages for the following software:

- IBM Tivoli Monitoring Agent for Systems Director base

IBM Tivoli Monitoring Agent for Systems Director base messages

KD92001I OK

Explanation: None.

Operator response: None.

KD91002E The data provider start script failed. Check Java path and/or JVM arguments in Agent configuration

Explanation: None.

Operator response: None.

KD91003E An object not found error occurred.

Explanation: None.

Operator response: None.

KD91004E No instances were returned.

Explanation: None.

Operator response: None.

KD91005E The server being monitored did not respond.

Explanation: None.

Operator response: None.

KD91006E Could not authenticate with the server being monitored.

Explanation: None.

Operator response: None.

KD91007E The configured hostname could not be resolved.

Explanation: None.

Operator response: None.

KD91008E An attribute is missing or cannot be serialized.

Explanation: None.

Operator response: None.

KD91009E A problem occurred finding necessary classes.

Explanation: None.

Operator response: None.

KD91010E Connection to the server being monitored failed.

Explanation: None.

Operator response: None.

KD91011E Access was denied to the requested resource.

Explanation: Access is denied to the resource requested

Operator response: None.

KD91012E A timeout occurred while collecting data from this resource.

Explanation: None.

Operator response: None.

KD91013E The request contained a bad value.

Explanation: The information in the request is not correct.

Operator response: None.

KD91014E The response indicates a resource was not found.

Explanation: None.

Operator response: None.

KD92000I Request was successful.

Explanation: None.

Operator response: None.

KD92001E An unrecognized error occurred, contact IBM Support.

Explanation: None.

Operator response: None.

KD92002E The requested object was not found.

Explanation: None.

Operator response: None.

KD93002E **The requested object was not found. Ensure that the object has been selected in the workspace view.**

Explanation: None.

Operator response: None.

KD92003E **Unauthorized: The supplied credentials such as logon ID, password, or keystore, if any, are not sufficient to access the resource.**

Explanation: None.

Operator response: None.

KD92004E **Method not allowed: The HTTP method (GET, POST, PUT, DELETE) is not valid for the resource.**

Explanation: None.

Operator response: None.

KD93004E **The requested object was not found. Ensure that the object has been selected in the workspace view.**

Explanation: None.

Operator response: None.

KD92005E **Bad Request: The contents of the request were invalid, usually inputs to a POST or PUT are incorrect.**

Explanation: None.

Operator response: None.

KD92025E **Bad Request: The specified IPAddress or IPAddress range and/or the specified ResourceType are invalid.**

Explanation: None.

Operator response: None.

KD92026E **An error has occurred, check to see if specified parameter(s) have been placed in double quotes.**

Explanation: None.

Operator response: None.

Appendix A. IBM Tivoli Enterprise Console event mapping

Each event class corresponds to an attribute group in the IBM Tivoli Enterprise Console. For a description of the event slots for each event class, see the lists in this appendix. For more information about mapping attribute groups to event classes, see the *IBM Tivoli Monitoring Administrator's Guide*.

Generic event mapping provides useful event class and attribute information for situations that do not have specific event mapping defined. BAROC files are found on the Tivoli Enterprise Monitoring Server in the installation directory in TECLIB (that is, *install_dir*/cms/TECLIB for Windows systems and *install_dir*/tables/*TEMS_hostname*/TECLIB for UNIX systems). IBM Tivoli Enterprise Console event synchronization provides a collection of ready-to-use rule sets that you can deploy with minimal configuration. Be sure to install IBM Tivoli Enterprise Console event synchronization to access the correct Sentry.baroc, which is automatically included during base configuration of IBM Tivoli Enterprise Console rules if you indicate that you want to use an existing rule base. See the *IBM Tivoli Monitoring Installation and Setup Guide* for details.

Each of the event classes is a child of KD9_Base and is defined in the kd9.baroc (version 6.2.2) file. The KD9_Base event class can be used for generic rules processing for any event from the IBM Tivoli Monitoring Agent for Systems Director base.

For events generated by situations in the All Director Endpoint Systems attribute group, Tivoli Enterprise Console® events are sent using the ITM_KD9_ALL_DIRECTOR_ENDPOINT_SYSTEMS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- subnode_msn: STRING
- subnode_affinity: STRING
- subnode_type: STRING
- subnode_resource_name: STRING
- subnode_version: STRING

For events generated by situations in the All Endpoint Events Raw attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_ALL_ENDPOINT_EVENTS_RAW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- date_and_time: STRING
- event_text: STRING
- kd9_severity: STRING
- category: STRING
- component_category: STRING
- component_type: STRING

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- condition_value: STRING
- condition_type: STRING
- sender_name: STRING
- component_instance: STRING
- event_id: INTEGER
- system_object_id: INTEGER
- ipv4_address: STRING
- ipv6_address: STRING
- object_identifier: INTEGER
- name: STRING
- subnode_name: STRING
- resourceoid: STRING
- comptype: STRING
- event_type: STRING

For events generated by situations in the All Endpoints Event Console attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_ALL_ENDPOINTS_EVENT_CONSOLE class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- date_and_time: STRING
- event_text: STRING
- kd9_severity: STRING
- category: STRING
- component_category: STRING
- component_type: STRING
- condition_value: STRING
- condition_type: STRING
- sender_name: STRING
- component_instance: STRING
- event_id: INTEGER
- system_object_id: INTEGER
- ipv4_address: STRING
- ipv6_address: STRING
- event_type: STRING
- object_identifier: INTEGER
- name: STRING
- subnode_name: STRING
- comptype: STRING

For events generated by situations in the All Jobs attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_ALL_JOBS class. This class contains the following slots:

- node: STRING
- timestamp: STRING

- name: STRING
- description: STRING
- latest_run_status: STRING
- percentage_complete: INTEGER
- latest_run: STRING
- targets: STRING
- next_run: STRING
- job_id: INTEGER
- created_by: STRING

For events generated by situations in the All Managed Endpoints attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_ALL_MANAGED_ENDPOINTS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- system_type: STRING
- access_state: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- changed_date: STRING
- last_boot_up_time: STRING
- os_type: STRING
- os_version: STRING
- architecture: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- serial_number: STRING
- ipv4_address: STRING
- ipv6_address: STRING
- primary_host_name: STRING
- host_name: STRING
- locale: STRING
- description: STRING
- object_identifier: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- name: STRING
- virtual: INTEGER
- base_object_type: STRING

For events generated by situations in the Blade Admin Server attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_BLADE_ADMIN_SERVER class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- system_name: STRING
- system_object_id: INTEGER
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the Blade Admin Server Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_BLADE_ADMIN_SERVER_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING

- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the Cache Memory attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_CACHE_MEMORY class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING

- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- block_size: INTEGER
- capacity: INTEGER
- consumable_blocks: INTEGER
- data_organization: INTEGER
- data_organization_enum: STRING
- data_redundancy: INTEGER
- delta_reservation: INTEGER
- free_space_gigabytes: INTEGER
- number_of_blocks: INTEGER
- package_redundancy: INTEGER
- sequential_access: INTEGER
- sequential_access_enum: STRING
- ending_address: INTEGER
- starting_address: INTEGER
- volatile: INTEGER
- volatile_enum: STRING
- cache_type: INTEGER
- cache_type_enum: STRING
- level: INTEGER
- level_enum: STRING
- line_size: INTEGER
- read_policy: INTEGER
- read_policy_enum: STRING
- write_policy: INTEGER
- write_policy_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- access_type: INTEGER
- access_type_enum: STRING
- is_compressed: INTEGER
- is_compressed_enum: STRING
- is_multi_path: INTEGER
- is_multi_path_enum: STRING
- time_last_metered: STRING

For events generated by situations in the Cache Memory Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_CACHE_MEMORY_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- block_size: INTEGER
- capacity: INTEGER
- consumable_blocks: INTEGER
- data_organization: INTEGER
- data_organization_enum: STRING
- data_redundancy: INTEGER
- delta_reservation: INTEGER
- free_space_gigabytes: INTEGER
- number_of_blocks: INTEGER
- package_redundancy: INTEGER
- sequential_access: INTEGER
- sequential_access_enum: STRING
- ending_address: INTEGER
- starting_address: INTEGER
- volatile: INTEGER
- volatile_enum: STRING
- cache_type: INTEGER
- cache_type_enum: STRING
- level: INTEGER
- level_enum: STRING
- line_size: INTEGER
- read_policy: INTEGER
- read_policy_enum: STRING

- write_policy: INTEGER
- write_policy_enum: STRING
- subnode_name: STRING
- system_object_id: INTEGER
- access_type: INTEGER
- access_type_enum: STRING
- is_compressed: INTEGER
- is_compressed_enum: STRING
- is_multi_path: INTEGER
- is_multi_path_enum: STRING
- time_last_metered: STRING

For events generated by situations in the Card attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_CARD class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- package_guid: STRING
- package_type: INTEGER
- package_type_enum: STRING
- removal_conditions: INTEGER
- removal_conditions_enum: STRING
- width: INTEGER
- hosting_board: INTEGER
- hosting_board_enum: STRING
- requires_auxiliary_card: INTEGER
- requires_auxiliary_card_enum: STRING
- slot_layout: STRING
- special_requirements: INTEGER

- special_requirements_enum: STRING
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the Card Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_CARD_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- package_guid: STRING
- package_type: INTEGER
- package_type_enum: STRING
- removal_conditions: INTEGER
- removal_conditions_enum: STRING
- width: INTEGER
- hosting_board: INTEGER
- hosting_board_enum: STRING
- requires_auxiliary_card: INTEGER
- requires_auxiliary_card_enum: STRING
- slot_layout: STRING
- special_requirements: INTEGER
- special_requirements_enum: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING

For events generated by situations in the Chassis attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_CHASSIS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- package_guid: STRING
- package_type: INTEGER
- package_type_enum: STRING
- removal_conditions: INTEGER
- removal_conditions_enum: STRING
- width: INTEGER
- audible_alarm: INTEGER
- audible_alarm_enum: STRING
- physical_frame_is_locked: INTEGER
- physical_frame_is_locked_enum: STRING
- lock_present: INTEGER
- lock_present_enum: STRING
- security_breach: INTEGER
- security_breach_enum: STRING
- service_philosophy: INTEGER
- service_philosophy_enum: STRING
- visible_alarm: INTEGER
- visible_alarm_enum: STRING
- chassis_form_type: INTEGER
- chassis_form_type_enum: STRING
- heat_generation_btus_per_hour: INTEGER
- input_voltage_millivolts: INTEGER
- power_cord_count: INTEGER

- rack_mountable: INTEGER
- rack_mountable_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- input_current_type: INTEGER
- input_current_type_enum: STRING

For events generated by situations in the Chassis Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_CHASSIS_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- package_guid: STRING
- package_type: INTEGER
- package_type_enum: STRING
- removal_conditions: INTEGER
- removal_conditions_enum: STRING
- width: INTEGER
- audible_alarm: INTEGER
- audible_alarm_enum: STRING
- physical_frame_is_locked: INTEGER
- physical_frame_is_locked_enum: STRING
- lock_present: INTEGER
- lock_present_enum: STRING
- security_breach: INTEGER
- security_breach_enum: STRING
- service_philosophy: INTEGER
- service_philosophy_enum: STRING

- visible_alarm: INTEGER
- visible_alarm_enum: STRING
- chassis_form_type: INTEGER
- chassis_form_type_enum: STRING
- heat_generation_btus_per_hour: INTEGER
- input_voltage_millivolts: INTEGER
- power_cord_count: INTEGER
- rack_mountable: INTEGER
- rack_mountable_enum: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING
- input_current_type: INTEGER
- input_current_type_enum: STRING

For events generated by situations in the Chip attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_CHIP class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- removal_conditions: INTEGER
- removal_conditions_enum: STRING
- form_factor: INTEGER
- form_factor_enum: STRING
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the Chip Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_CHIP_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- removal_conditions: INTEGER
- removal_conditions_enum: STRING
- form_factor: INTEGER
- form_factor_enum: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING

For events generated by situations in the Discovery Jobs attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_DISCOVERY_JOBS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- systems: STRING
- kd9_status: STRING
- percentage_complete: INTEGER
- latest_update: STRING
- resource_types: STRING
- discovery_id: STRING

For events generated by situations in the Disk Drive attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_DISK_DRIVE class. This class contains the following slots:

- node: STRING

- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- capacity: INTEGER
- default_block_size: INTEGER
- device_type: INTEGER
- device_type_enum: STRING
- load_time: INTEGER
- maximum_access_time_milliseconds: INTEGER
- maximum_block_size_bytes: INTEGER
- maximum_media_size_kilobytes: INTEGER
- media_is_locked: INTEGER
- media_is_locked_enum: STRING
- media_loaded: INTEGER
- media_loaded_enum: STRING
- minimum_block_size_bytes: INTEGER
- mount_count: INTEGER
- device_needs_cleaning: INTEGER
- device_needs_cleaning_enum: STRING
- removable_media: INTEGER
- removable_media_enum: STRING
- time_of_last_mount: STRING
- total_mount_time: INTEGER
- unload_time_milliseconds: INTEGER
- system_name: STRING
- system_object_id: INTEGER
- vendor_type: STRING
- unit_number: INTEGER
- sample_count: INTEGER
- not_busy_count: INTEGER
- time_last_metered: STRING

For events generated by situations in the Disk Drive Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_DISK_DRIVE_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- capacity: INTEGER
- default_block_size: INTEGER
- device_type: INTEGER
- device_type_enum: STRING
- load_time: INTEGER
- maximum_access_time_milliseconds: INTEGER
- maximum_block_size_bytes: INTEGER
- maximum_media_size_kilobytes: INTEGER
- media_is_locked: INTEGER
- media_is_locked_enum: STRING
- media_loaded: INTEGER
- media_loaded_enum: STRING
- minimum_block_size_bytes: INTEGER
- mount_count: INTEGER
- device_needs_cleaning: INTEGER
- device_needs_cleaning_enum: STRING
- removable_media: INTEGER
- removable_media_enum: STRING
- time_of_last_mount: STRING
- total_mount_time: INTEGER
- unload_time_milliseconds: INTEGER
- related_system_object_id: INTEGER
- subnode_name: STRING

- system_object_id: INTEGER
- vendor_type: STRING
- unit_number: INTEGER
- sample_count: INTEGER
- not_busy_count: INTEGER
- time_last_metered: STRING

For events generated by situations in the Disk Partition attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_DISK_PARTITION class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- block_size_bytes: INTEGER
- capacity_gigabytes: INTEGER
- consumable_blocks: INTEGER
- data_organization: INTEGER
- data_organization_enum: STRING
- data_redundancy: INTEGER
- delta_reservation: INTEGER
- free_space_gigabytes: INTEGER
- number_of_blocks: INTEGER
- package_redundancy: INTEGER
- sequential_access: INTEGER
- sequential_access_enum: STRING
- bootable: INTEGER
- bootable_enum: STRING
- partition_subtype: INTEGER
- partition_subtype_enum: STRING
- partition_type: INTEGER
- partition_type_enum: STRING
- primary_partition: INTEGER

- primary_partition_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- access_type: INTEGER
- access_type_enum: STRING
- is_compressed: INTEGER
- is_compressed_enum: STRING
- is_multi_path: INTEGER
- is_multi_path_enum: STRING
- time_last_metered: STRING

For events generated by situations in the Disk Partition Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_DISK_PARTITION_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- block_size_bytes: INTEGER
- capacity_gigabytes: INTEGER
- consumable_blocks: INTEGER
- data_organization: INTEGER
- data_organization_enum: STRING
- data_redundancy: INTEGER
- delta_reservation: INTEGER
- free_space_gigabytes: INTEGER
- number_of_blocks: INTEGER
- package_redundancy: INTEGER
- sequential_access: INTEGER
- sequential_access_enum: STRING
- bootable: INTEGER
- bootable_enum: STRING

- partition_subtype: INTEGER
- partition_subtype_enum: STRING
- partition_type: INTEGER
- partition_type_enum: STRING
- primary_partition: INTEGER
- primary_partition_enum: STRING
- related_system_object_id: INTEGER
- changed_date: STRING
- subnode_name: STRING
- system_object_id: INTEGER
- access_type: INTEGER
- access_type_enum: STRING
- is_compressed: INTEGER
- is_compressed_enum: STRING
- is_multi_path: INTEGER
- is_multi_path_enum: STRING
- time_last_metered: STRING

For events generated by situations in the Diskette Drive attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_DISKETTE_DRIVE class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- capacity_gigabytes: INTEGER
- default_block_size_bytes: INTEGER
- device_type: INTEGER
- device_type_enum: STRING
- load_time_milliseconds: INTEGER
- maximum_access_time: INTEGER
- maximum_block_size: INTEGER
- maximum_media_size: INTEGER

- media_is_locked: INTEGER
- media_is_locked_enum: STRING
- media_loaded: INTEGER
- media_loaded_enum: STRING
- minimum_block_size_bytes: INTEGER
- mount_count: INTEGER
- device_needs_cleaning: INTEGER
- device_needs_cleaning_enum: STRING
- removable_media: INTEGER
- removable_media_enum: STRING
- time_of_last_mount: STRING
- total_mount_time_seconds: INTEGER
- unload_time_milliseconds: INTEGER
- system_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Diskette Drive Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_DISKETTE_DRIVE_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- capacity_gigabytes: INTEGER
- default_block_size_bytes: INTEGER
- device_type: INTEGER
- device_type_enum: STRING
- load_time_milliseconds: INTEGER
- maximum_access_time: INTEGER
- maximum_block_size: INTEGER

- maximum_media_size: INTEGER
- media_is_locked: INTEGER
- media_is_locked_enum: STRING
- media_loaded: INTEGER
- media_loaded_enum: STRING
- minimum_block_size_bytes: INTEGER
- mount_count: INTEGER
- device_needs_cleaning: INTEGER
- device_needs_cleaning_enum: STRING
- removable_media: INTEGER
- removable_media_enum: STRING
- time_of_last_mount: STRING
- total_mount_time_seconds: INTEGER
- unload_time_milliseconds: INTEGER
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Display Controller attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_DISPLAY_CONTROLLER class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- maximum_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- maximum_memory_supported_bytes: INTEGER
- number_of_video_pages: INTEGER
- video_memory_type: INTEGER

- video_memory_type_enum: STRING
- time_last_metered: STRING
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the Display Controller Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_DISPLAY_CONTROLLER_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- maximum_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- maximum_memory_supported_bytes: INTEGER
- number_of_video_pages: INTEGER
- video_memory_type: INTEGER
- video_memory_type_enum: STRING
- related_system_object_id: INTEGER
- subnode_name: STRING
- time_last_metered: STRING
- system_object_id: INTEGER

For events generated by situations in the DNS Protocol Endpoint attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_DNS_PROTOCOL_ENDPOINT class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING

- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- append_parent_suffixes: INTEGER
- append_parent_suffixes_enum: STRING
- append_primary_suffixes: INTEGER
- append_primary_suffixes_enum: STRING
- dns_suffixes_to_append: STRING
- domain_name: STRING
- host_name: STRING
- register_address_in_dns: INTEGER
- register_address_in_dns_enum: STRING
- use_suffix_when_registering: INTEGER
- use_suffix_when_registering_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- auto_start: INTEGER
- auto_start_enum: STRING
- last_updated_date: STRING

For events generated by situations in the DNS Protocol Endpoint Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_DNS_PROTOCOL_ENDPOINT_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- append_parent_suffixes: INTEGER
- append_parent_suffixes_enum: STRING
- append_primary_suffixes: INTEGER

- append_primary_suffixes_enum: STRING
- dns_suffixes_to_append: STRING
- domain_name: STRING
- host_name: STRING
- register_address_in_dns: INTEGER
- register_address_in_dns_enum: STRING
- use_suffix_when_registering: INTEGER
- use_suffix_when_registering_enum: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING
- auto_start: INTEGER
- auto_start_enum: STRING
- last_updated_date: STRING

For events generated by situations in the DNS Settings attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_DNS_SETTINGS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- dns_domain_suffixes: STRING
- dns_server_addresses: STRING
- domain_name: STRING
- register_address_in_dns: INTEGER
- register_address_in_dns_enum: STRING
- requested_hostname: STRING
- use_suffix_when_registering: INTEGER
- use_suffix_when_registering_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- dns_protocol: INTEGER
- dns_protocol_enum: STRING
- search_local_first: INTEGER
- search_local_first_enum: STRING
- name_lookup_policy: INTEGER
- name_lookup_policy_enum: STRING
- retry_attempts: INTEGER
- retry_interval: INTEGER
- dns_listening_port: INTEGER

For events generated by situations in the DNS Settings Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_DNS_SETTINGS_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- dns_domain_suffixes: STRING
- dns_server_addresses: STRING
- domain_name: STRING
- register_address_in_dns: INTEGER
- register_address_in_dns_enum: STRING
- requested_hostname: STRING
- use_suffix_when_registering: INTEGER
- use_suffix_when_registering_enum: STRING
- subnode_name: STRING
- system_object_id: INTEGER
- related_system_object_id: INTEGER
- dns_protocol: INTEGER
- dns_protocol_enum: STRING
- search_local_first: INTEGER
- search_local_first_enum: STRING
- name_lookup_policy: INTEGER
- name_lookup_policy_enum: STRING
- retry_attempts: INTEGER
- retry_interval: INTEGER
- dns_listening_port: INTEGER

For events generated by situations in the Endpoint System attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_ENDPOINT_SYSTEM class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- system_type: STRING
- access_state: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING

- communication_state: INTEGER
- communication_state_enum: STRING
- changed_date: STRING
- last_boot_up_time: STRING
- os_type: STRING
- os_version: STRING
- architecture: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- serial_number: STRING
- ipv4_address: STRING
- ipv6_address: STRING
- primary_host_name: STRING
- host_name: STRING
- locale: STRING
- description: STRING
- system_object_id: INTEGER
- subnode_name: STRING
- object_identifier: INTEGER
- name: STRING
- virtual: INTEGER
- base_object_type: STRING

For events generated by situations in the Endpoints Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_ENDPOINTS_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- system_type: STRING
- access_state: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- changed_date: STRING
- last_boot_up_time: STRING
- os_type: STRING
- os_version: STRING
- architecture: STRING
- machine_type: STRING
- manufacturer: STRING

- model: STRING
- serial_number: STRING
- ipv4_address: STRING
- ipv6_address: STRING
- primary_host_name: STRING
- host_name: STRING
- locale: STRING
- description: STRING
- system_object_id: INTEGER
- subnode_name: STRING
- virtual: INTEGER
- base_object_type: STRING

For events generated by situations in the EP Performance Object Status attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_EP_PERFORMANCE_OBJECT_STATUS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- query_name: STRING
- object_name: STRING
- object_type: INTEGER
- object_type_enum: STRING
- object_status: INTEGER
- object_status_enum: STRING
- error_code: INTEGER
- error_code_enum: STRING
- last_collection_start: STRING
- last_collection_start_enum: STRING
- last_collection_finished: STRING
- last_collection_finished_enum: STRING
- last_collection_duration: REAL
- average_collection_duration: REAL
- average_collection_duration_enum: STRING
- refresh_interval: INTEGER
- number_of_collections: INTEGER
- cache_hits: INTEGER
- cache_misses: INTEGER
- cache_hit_percent: REAL
- intervals_skipped: INTEGER

For events generated by situations in the Ethernet Port attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_ETHERNET_PORT class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING

- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- active_maximum_transmission_unit: INTEGER
- auto_sense: INTEGER
- auto_sense_enum: STRING
- enabled: INTEGER
- enabled_enum: STRING
- full_duplex: INTEGER
- full_duplex_enum: STRING
- link_technology: INTEGER
- link_technology_enum: STRING
- maximum_speed_bits_per_second: INTEGER
- network_addresses: STRING
- permanent_address: STRING
- port_number: INTEGER
- speed_bits_per_second: INTEGER
- supported_maximum_transmission_unit: INTEGER
- maximum_data_size: INTEGER
- system_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Ethernet Port Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_ETHERNET_PORT_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER

- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- active_maximum_transmission_unit: INTEGER
- auto_sense: INTEGER
- auto_sense_enum: STRING
- enabled: INTEGER
- enabled_enum: STRING
- full_duplex: INTEGER
- full_duplex_enum: STRING
- link_technology: INTEGER
- link_technology_enum: STRING
- maximum_speed_bits_per_second: INTEGER
- network_addresses: STRING
- permanent_address: STRING
- port_number: INTEGER
- speed_bits_per_second: INTEGER
- supported_maximum_transmission_unit: INTEGER
- maximum_data_size: INTEGER
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Event Conditions attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_EVENT_CONDITIONS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- condition_value: STRING
- condition_type: STRING
- event_id: INTEGER

For events generated by situations in the Event Details attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_EVENT_DETAILS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- label: STRING

- kd9_value: STRING
- event_id: INTEGER
- id: STRING
- type: INTEGER

For events generated by situations in the Event Info attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_EVENT_INFO class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- date_and_time: STRING
- event_text: STRING
- kd9_severity: STRING
- category: STRING
- component_category: STRING
- component_type: STRING
- condition_value: STRING
- condition_type: STRING
- sender_name: STRING
- component_instance: STRING
- event_id: INTEGER
- system_object_id: INTEGER
- ipv4_address: STRING
- ipv6_address: STRING
- event_type: STRING
- object_identifier: INTEGER
- name: STRING
- subnode_name: STRING
- system_name_base: STRING

For events generated by situations in the Event Log Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_EVENT_LOG_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- date_and_time: STRING
- event_text: STRING
- kd9_severity: STRING
- category: STRING
- component_category: STRING
- component_type: STRING
- condition_value: STRING
- condition_type: STRING
- sender_name: STRING

- component_instance: STRING
- event_id: INTEGER
- resource_id: STRING
- ipv4_address: STRING
- ipv6_address: STRING
- event_type: STRING
- system_object_id: INTEGER
- subnode_name: STRING
- comptype: STRING

For events generated by situations in the Event Log Raw attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_EVENT_LOG_RAW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- date_and_time: STRING
- event_text: STRING
- kd9_severity: STRING
- category: STRING
- component_category: STRING
- component_type: STRING
- condition_value: STRING
- condition_type: STRING
- sender_name: STRING
- component_instance: STRING
- event_id: INTEGER
- resource_id: STRING
- ipv4_address: STRING
- ipv6_address: STRING
- system_object_id: INTEGER
- subnode_name: STRING
- object_identifier: INTEGER
- comptype: STRING
- event_type: STRING

For events generated by situations in the Event Types attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_EVENT_TYPES class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- key_component_category: STRING
- key_component_type: STRING
- key_condition_type: STRING
- key_condition_value: STRING
- event_key: STRING

- component_category: STRING
- component_type: STRING
- condition_type: STRING
- condition_value: STRING
- event_type: STRING

For events generated by situations in the Event Types Raw attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_EVENT_TYPES_RAW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- component_category: STRING
- component_type: STRING
- condition_type: STRING
- condition_value: STRING
- component_category_label: STRING
- component_type_label: STRING
- condition_type_label: STRING
- condition_value_label: STRING
- event_key: STRING
- event_type: STRING

For events generated by situations in the Events attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_EVENTS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- kd9_severity: STRING
- system_name: STRING
- date_and_time: STRING
- event_text: STRING
- condition_value: STRING
- condition_type: STRING
- category: STRING
- component_category: STRING
- component_type: STRING
- component_instance: STRING
- resource_id: INTEGER
- event_id: INTEGER
- ipv4_address: STRING
- ipv6_address: STRING
- event_type_raw: STRING
- event_type: STRING
- system_object_id: INTEGER

For events generated by situations in the Fan attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_FAN class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- fan_operating_mode: INTEGER
- fan_operating_mode_enum: STRING
- desired_speed_rpm: INTEGER
- system_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Fan Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_FAN_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING

- serial_number: STRING
- version: STRING
- fan_operating_mode: INTEGER
- fan_operating_mode_enum: STRING
- desired_speed_rpm: INTEGER
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Fibre Channel Port attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_FIBRE_CHANNEL_PORT class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- active_maximum_transmission_unit: INTEGER
- auto_sense: INTEGER
- auto_sense_enum: STRING
- enabled: INTEGER
- enabled_enum: STRING
- full_duplex: INTEGER
- full_duplex_enum: STRING
- link_technology: INTEGER
- link_technology_enum: STRING
- maximum_speed_bits_per_second: INTEGER
- network_addresses: STRING
- permanent_address: STRING
- port_number: INTEGER
- port_type: INTEGER
- port_type_enum: STRING
- speed_bits_per_second: INTEGER

- supported_maximum_transmission_unit: INTEGER
- active_fc4_types: INTEGER
- active_fc4_types_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Fibre Channel Port Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_FIBRE_CHANNEL_PORT_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- active_maximum_transmission_unit: INTEGER
- auto_sense: INTEGER
- auto_sense_enum: STRING
- enabled: INTEGER
- enabled_enum: STRING
- full_duplex: INTEGER
- full_duplex_enum: STRING
- link_technology: INTEGER
- link_technology_enum: STRING
- maximum_speed_bits_per_second: INTEGER
- network_addresses: STRING
- permanent_address: STRING
- port_number: INTEGER
- port_type: INTEGER
- port_type_enum: STRING
- speed_bits_per_second: INTEGER
- supported_maximum_transmission_unit: INTEGER

- active_fc4_types: INTEGER
- active_fc4_types_enum: STRING
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the File System attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_FILE_SYSTEM class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- available_space: INTEGER
- block_size: INTEGER
- case_preserved: INTEGER
- case_preserved_enum: STRING
- case_sensitive: INTEGER
- case_sensitive_enum: STRING
- cluster_size: INTEGER
- file_system_size_bytes: INTEGER
- file_system_type: INTEGER
- file_system_type_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- file_system_label: STRING
- log_name: STRING
- maximum_file_name_length: INTEGER
- mode: STRING
- mount_options: STRING
- mount_source: STRING
- current_number_of_files: INTEGER
- operating_state: INTEGER
- operating_state_enum: STRING
- read_only: INTEGER
- read_only_enum: STRING
- nfs_server_hostname: STRING
- root: STRING
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the File System Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_FILE_SYSTEM_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- available_space: INTEGER
- block_size: INTEGER
- case_preserved: INTEGER
- case_preserved_enum: STRING
- case_sensitive: INTEGER
- case_sensitive_enum: STRING
- cluster_size: INTEGER
- file_system_size_bytes: INTEGER
- file_system_type: INTEGER
- file_system_type_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- file_system_label: STRING
- log_name: STRING
- maximum_file_name_length: INTEGER
- mode: STRING
- mount_options: STRING
- mount_source: STRING
- current_number_of_files: INTEGER
- operating_state: INTEGER
- operating_state_enum: STRING
- read_only: INTEGER
- read_only_enum: STRING
- nfs_server_hostname: STRING
- root: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING

For events generated by situations in the FRU attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_FRU class. This class contains the following slots:

- node: STRING

- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- package_guid: STRING
- package_type: INTEGER
- package_type_enum: STRING
- removal_conditions: INTEGER
- removal_conditions_enum: STRING
- width: INTEGER
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the FRU Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_FRU_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING

- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- package_guid: STRING
- package_type: INTEGER
- package_type_enum: STRING
- removal_conditions: INTEGER
- removal_conditions_enum: STRING
- width: INTEGER
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING

For events generated by situations in the Generic Network Device attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_GENERIC_NETWORK_DEVICE class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING

- serial_number: STRING
- system_board_uuid: STRING
- system_name: STRING
- system_object_id: INTEGER
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the Generic Network Device Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_GENERIC_NETWORK_DEVICE_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER

- subnode_name: STRING
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the GR Performance Object Status attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_GR_PERFORMANCE_OBJECT_STATUS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- query_name: STRING
- object_name: STRING
- object_type: INTEGER
- object_type_enum: STRING
- object_status: INTEGER
- object_status_enum: STRING
- error_code: INTEGER
- error_code_enum: STRING
- last_collection_start: STRING
- last_collection_start_enum: STRING
- last_collection_finished: STRING
- last_collection_finished_enum: STRING
- last_collection_duration: REAL
- average_collection_duration: REAL
- average_collection_duration_enum: STRING
- refresh_interval: INTEGER
- number_of_collections: INTEGER
- cache_hits: INTEGER
- cache_misses: INTEGER
- cache_hit_percent: REAL
- intervals_skipped: INTEGER

For events generated by situations in the Hardware Management Console attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_HARDWARE_MANAGEMENT_CONSOLE class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING

- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- architecture_managed: STRING
- system_name: STRING
- system_object_id: INTEGER
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the Hardware Management Console Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_HARDWARE_MANAGEMENT_CONSOLE_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER

- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- architecture_managed: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the IDE Controller attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_IDE_CONTROLLER class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING

- version: STRING
- maximum_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- system_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the IDE Controller Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_IDE_CONTROLLER_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- maximum_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Inventory Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_INVENTORY_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- inventory_category: STRING

- resource_type: STRING
- object_type: STRING

For events generated by situations in the Inventory View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_INVENTORY_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- inventory_category: STRING
- resource_type: STRING
- object_type: STRING
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the IP Protocol Endpoint attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_IP_PROTOCOL_ENDPOINT class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- dynamic_address: INTEGER
- dynamic_address_enum: STRING
- ipv4_address: STRING
- ipv6_address: STRING
- subnet_mask: STRING
- system_name: STRING
- system_object_id: INTEGER
- network_address: STRING
- network_name: STRING
- ipv6_prefix_length: INTEGER
- ipv6_address_type: INTEGER
- ipv6_address_type_enum: STRING
- auto_start: INTEGER
- auto_start_enum: STRING
- last_updated_date: STRING

For events generated by situations in the IP Protocol Endpoint Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_IP_PROTOCOL_ENDPOINT_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- dynamic_address: INTEGER
- dynamic_address_enum: STRING
- ipv4_address: STRING
- ipv6_address: STRING
- subnet_mask: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING
- network_address: STRING
- network_name: STRING
- ipv6_prefix_length: INTEGER
- ipv6_address_type: INTEGER
- ipv6_address_type_enum: STRING
- auto_start: INTEGER
- auto_start_enum: STRING
- last_updated_date: STRING

For events generated by situations in the Jobs attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_JOBS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- name: STRING
- description: STRING
- latest_run_status: STRING
- percentage_complete: INTEGER
- latest_run: STRING
- targets: STRING
- next_run: STRING

- job_id: INTEGER
- created_by: STRING
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the Jobs Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_JOBS_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- name: STRING
- description: STRING
- latest_run_status: STRING
- percentage_complete: INTEGER
- latest_run: STRING
- targets: STRING
- next_run: STRING
- job_id: INTEGER
- created_by: STRING

For events generated by situations in the Keyboard attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_KEYBOARD class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- device_is_locked: INTEGER
- device_is_locked_enum: STRING
- codepage: STRING
- delay: INTEGER
- keyboard_type: STRING
- number_of_function_keys: INTEGER

- rate: INTEGER
- system_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Keyboard Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_KEYBOARD_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- device_is_locked: INTEGER
- device_is_locked_enum: STRING
- codepage: STRING
- delay: INTEGER
- keyboard_type: STRING
- number_of_function_keys: INTEGER
- rate: INTEGER
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the LAN End point attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_LAN_END_POINT class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING

- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- access_external_network: INTEGER
- access_external_network_enum: STRING
- lan_id: STRING
- mac_address: STRING
- maximum_data_size: INTEGER
- network_boot_enabled: INTEGER
- network_boot_enabled_enum: STRING
- priority: INTEGER
- system_name: STRING
- system_object_id: INTEGER
- auto_start: INTEGER
- auto_start_enum: STRING
- last_updated_date: STRING

For events generated by situations in the LAN End Point Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_LAN_END_POINT_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- access_external_network: INTEGER
- access_external_network_enum: STRING
- lan_id: STRING
- mac_address: STRING
- maximum_data_size: INTEGER
- network_boot_enabled: INTEGER
- network_boot_enabled_enum: STRING
- priority: INTEGER

- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING
- auto_start: INTEGER
- auto_start_enum: STRING
- last_updated_date: STRING

For events generated by situations in the Location attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_LOCATION class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- address: STRING
- aisle: STRING
- altitude_meters: INTEGER
- building: STRING
- city: STRING
- country: STRING
- displaced_height_centimeters: INTEGER
- floor: STRING
- latitude: STRING
- location_type: INTEGER
- location_type_enum: STRING
- longitude: STRING
- other_information: STRING
- telephone_number: STRING
- room_number: STRING
- row: STRING
- state_or_province: STRING
- zip_code: STRING
- system_name: STRING
- system_object_id: INTEGER
- dominant_location: INTEGER
- dominant_location_enum: STRING

For events generated by situations in the Location Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_LOCATION_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING

- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- address: STRING
- aisle: STRING
- altitude_meters: INTEGER
- building: STRING
- city: STRING
- country: STRING
- displaced_height_centimeters: INTEGER
- floor: STRING
- latitude: STRING
- location_type: INTEGER
- location_type_enum: STRING
- longitude: STRING
- other_information: STRING
- telephone_number: STRING
- room_number: STRING
- row: STRING
- state_or_province: STRING
- zip_code: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING
- dominant_location: INTEGER
- dominant_location_enum: STRING

For events generated by situations in the Logical Module attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_LOGICAL_MODULE class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING

- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- module_type: INTEGER
- module_type_enum: STRING
- module_number: INTEGER
- system_name: STRING
- system_object_id: INTEGER
- label_power_input_watts: INTEGER
- time_last_metered: STRING

For events generated by situations in the Logical Module Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_LOGICAL_MODULE_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- module_type: INTEGER
- module_type_enum: STRING
- module_number: INTEGER
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- label_power_input_watts: INTEGER
- time_last_metered: STRING

For events generated by situations in the Logical Volume attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_LOGICAL_VOLUME class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- block_size_bytes: INTEGER
- capacity_gigabytes: INTEGER
- consumable_blocks: INTEGER
- data_organization: INTEGER
- data_organization_enum: STRING
- data_redundancy: INTEGER
- delta_reservation: INTEGER
- free_space_gigabytes: INTEGER
- number_of_blocks: INTEGER
- package_redundancy: INTEGER
- sequential_access: INTEGER
- sequential_access_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- access_type: INTEGER
- access_type_enum: STRING
- is_compressed: INTEGER
- is_compressed_enum: STRING
- is_multi_path: INTEGER
- is_multi_path_enum: STRING
- time_last_metered: STRING

For events generated by situations in the Logical Volume Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_LOGICAL_VOLUME_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING

- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- block_size_bytes: INTEGER
- capacity_gigabytes: INTEGER
- consumable_blocks: INTEGER
- data_organization: INTEGER
- data_organization_enum: STRING
- data_redundancy: INTEGER
- delta_reservation: INTEGER
- free_space_gigabytes: INTEGER
- number_of_blocks: INTEGER
- package_redundancy: INTEGER
- sequential_access: INTEGER
- sequential_access_enum: STRING
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- access_type: INTEGER
- access_type_enum: STRING
- is_compressed: INTEGER
- is_compressed_enum: STRING
- is_multi_path: INTEGER
- is_multi_path_enum: STRING
- time_last_metered: STRING

For events generated by situations in the Management Controller attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_MANAGEMENT_CONTROLLER class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING

- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- system_name: STRING
- system_object_id: INTEGER
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the Management Controller Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_MANAGEMENT_CONTROLLER_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING

- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the Memory attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_MEMORY class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_id: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING

- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- block_size_bytes: INTEGER
- capacity_gigabytes: INTEGER
- consumable_blocks: INTEGER
- data_organization: INTEGER
- data_organization_enum: STRING
- data_redundancy: INTEGER
- delta_reservation_percentage: INTEGER
- free_space_gigabytes: INTEGER
- number_of_blocks: INTEGER
- package_redundancy: INTEGER
- sequential_access: INTEGER
- sequential_access_enum: STRING
- ending_address: INTEGER
- starting_address: INTEGER
- volatile: INTEGER
- volatile_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- access_type: INTEGER
- access_type_enum: STRING
- is_compressed: INTEGER
- is_compressed_enum: STRING
- is_multi_path: INTEGER
- is_multi_path_enum: STRING
- time_last_metered: STRING

For events generated by situations in the Memory Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_MEMORY_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_id: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING

- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- block_size_bytes: INTEGER
- capacity_gigabytes: INTEGER
- consumable_blocks: INTEGER
- data_organization: INTEGER
- data_organization_enum: STRING
- data_redundancy: INTEGER
- delta_reservation_percentage: INTEGER
- free_space_gigabytes: INTEGER
- number_of_blocks: INTEGER
- package_redundancy: INTEGER
- sequential_access: INTEGER
- sequential_access_enum: STRING
- ending_address: INTEGER
- starting_address: INTEGER
- volatile: INTEGER
- volatile_enum: STRING
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- access_type: INTEGER
- access_type_enum: STRING
- is_compressed: INTEGER
- is_compressed_enum: STRING
- is_multi_path: INTEGER
- is_multi_path_enum: STRING
- time_last_metered: STRING

For events generated by situations in the Operating System attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_OPERATING_SYSTEM class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING

- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- build_number: STRING
- code_page: STRING
- country_code: STRING
- current_time_zone_from_gmt: INTEGER
- default_page_size: INTEGER
- distribution_type: STRING
- free_physical_memory: INTEGER
- free_virtual_memory: INTEGER
- kernel_version: STRING
- language_edition: STRING
- last_boot_up_time: STRING
- local_date_time: STRING
- number_of_licensed_users: INTEGER
- number_of_processes: INTEGER
- number_of_users: INTEGER
- os: INTEGER
- os_enum: STRING
- os_type: STRING
- os_version: STRING
- system_guid: STRING
- total_swap_space_size: INTEGER
- total_virtual_memory_size: INTEGER
- total_visible_memory_size: INTEGER
- system_name: STRING
- system_object_id: INTEGER
- simultaneous_multi_threading: INTEGER
- simultaneous_multi_threading_enum: STRING

For events generated by situations in the Operating System Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_OPERATING_SYSTEM_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING

- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- build_number: STRING
- code_page: STRING
- country_code: STRING
- current_time_zone_from_gmt: INTEGER
- default_page_size: INTEGER
- distribution_type: STRING
- free_physical_memory: INTEGER
- free_virtual_memory: INTEGER
- kernel_version: STRING
- language_edition: STRING
- last_boot_up_time: STRING
- local_date_time: STRING
- number_of_licensed_users: INTEGER
- number_of_processes: INTEGER
- number_of_users: INTEGER
- os: INTEGER
- os_enum: STRING
- os_type: STRING
- os_version: STRING
- system_guid: STRING
- total_swap_space_size: INTEGER
- total_virtual_memory_size: INTEGER
- total_visible_memory_size: INTEGER
- subnode_name: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- system_name: STRING
- simultaneous_multi_threading: INTEGER
- simultaneous_multi_threading_enum: STRING

For events generated by situations in the Optical Drive attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_OPTICAL_DRIVE class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- capacity_gigabytes: INTEGER
- default_block_size: INTEGER
- device_type: INTEGER
- device_type_enum: STRING
- load_time: INTEGER
- maximum_access_time_milliseconds: INTEGER
- maximum_block_size_bytes: INTEGER
- maximum_media_size_kilobytes: INTEGER
- media_is_locked: INTEGER
- media_is_locked_enum: STRING
- media_loaded: INTEGER
- media_loaded_enum: STRING
- minimum_block_size_bytes: INTEGER
- mount_count: INTEGER
- device_needs_cleaning: INTEGER
- device_needs_cleaning_enum: STRING
- removable_media: INTEGER
- removable_media_enum: STRING
- time_of_last_mount: STRING
- total_mount_time_seconds: INTEGER
- unload_time_milliseconds: INTEGER
- system_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Optical Drive Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_OPTICAL_DRIVE_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- capacity_gigabytes: INTEGER
- default_block_size: INTEGER
- device_type: INTEGER
- device_type_enum: STRING
- load_time: INTEGER
- maximum_access_time_milliseconds: INTEGER
- maximum_block_size_bytes: INTEGER
- maximum_media_size_kilobytes: INTEGER
- media_is_locked: INTEGER
- media_is_locked_enum: STRING
- media_loaded: INTEGER
- media_loaded_enum: STRING
- minimum_block_size_bytes: INTEGER
- mount_count: INTEGER
- device_needs_cleaning: INTEGER
- device_needs_cleaning_enum: STRING
- removable_media: INTEGER
- removable_media_enum: STRING
- time_of_last_mount: STRING
- total_mount_time_seconds: INTEGER
- unload_time_milliseconds: INTEGER
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Parallel Controller attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PARALLEL_CONTROLLER class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- maximum_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- dma_support: INTEGER
- dma_support_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Parallel Controller Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PARALLEL_CONTROLLER_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER

- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- maximum_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- dma_support: INTEGER
- dma_support_enum: STRING
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Pass Through Module attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PASS_THROUGH_MODULE class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING

- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- external_link_technologies: INTEGER
- external_link_technologies_enum: STRING
- external_ports: INTEGER
- internal_link_technologies: INTEGER
- internal_link_technologies_enum: STRING
- internal_ports: INTEGER
- is_programmable: INTEGER
- is_programmable_enum: STRING
- number_of_ports: INTEGER
- pass_thru_type: INTEGER
- pass_thru_type_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the Pass Through Module Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PASS_THROUGH_MODULE_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING

- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- external_link_technologies: INTEGER
- external_link_technologies_enum: STRING
- external_ports: INTEGER
- internal_link_technologies: INTEGER
- internal_link_technologies_enum: STRING
- internal_ports: INTEGER
- is_programmable: INTEGER
- is_programmable_enum: STRING
- number_of_ports: INTEGER
- pass_thru_type: INTEGER
- pass_thru_type_enum: STRING
- subnode_name: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the PCI Bridge attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PCI_BRIDGE class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING

- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- maximum_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- cache_line_size: INTEGER
- class_code: INTEGER
- class_code_enum: STRING
- device_select_timing: INTEGER
- device_select_timing_enum: STRING
- expansion_rom_base_address: INTEGER
- interrupt_pin: INTEGER
- interrupt_pin_enum: STRING
- latency_timer: INTEGER
- self_test_enabled: INTEGER
- self_test_enabled_enum: STRING
- base_address: STRING
- bridge_type: INTEGER
- bridge_type_enum: STRING
- io_base: INTEGER
- io_limit: INTEGER
- memory_base: INTEGER
- memory_limit: INTEGER
- primary_bus_number: INTEGER
- seconday_bus_number: INTEGER
- subordinate_bus_number: INTEGER
- system_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the PCI Bridge Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PCI_BRIDGE_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER

- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- maximum_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- cache_line_size: INTEGER
- class_code: INTEGER
- class_code_enum: STRING
- device_select_timing: INTEGER
- device_select_timing_enum: STRING
- expansion_rom_base_address: INTEGER
- interrupt_pin: INTEGER
- interrupt_pin_enum: STRING
- latency_timer: INTEGER
- self_test_enabled: INTEGER
- self_test_enabled_enum: STRING
- base_address: STRING
- bridge_type: INTEGER
- bridge_type_enum: STRING
- io_base: INTEGER
- io_limit: INTEGER
- memory_base: INTEGER
- memory_limit: INTEGER
- primary_bus_number: INTEGER
- seconday_bus_number: INTEGER
- subordinate_bus_number: INTEGER
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the PCI Device attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PCI_DEVICE class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING

- description: STRING
- name: STRING
- locale: STRING
- object_id: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- max_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- cache_line_size: INTEGER
- class_code: INTEGER
- class_code_enum: STRING
- device_select_timing: INTEGER
- device_select_timing_enum: STRING
- expansion_rom_base_address: INTEGER
- interrupt_pin: INTEGER
- interrupt_pin_enum: STRING
- latency_timer: INTEGER
- self_test_enabled: INTEGER
- self_test_enabled_enum: STRING
- base_address: STRING
- max_latency: INTEGER
- min_grant_time: INTEGER
- revision_id: STRING
- subsystem_id: INTEGER
- subsystem_vendor_id: INTEGER
- vendor_id: STRING
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the PCI Device Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PCI_DEVICE_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING

- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_id: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- max_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- cache_line_size: INTEGER
- class_code: INTEGER
- class_code_enum: STRING
- device_select_timing: INTEGER
- device_select_timing_enum: STRING
- expansion_rom_base_address: INTEGER
- interrupt_pin: INTEGER
- interrupt_pin_enum: STRING
- latency_timer: INTEGER
- self_test_enabled: INTEGER
- self_test_enabled_enum: STRING
- base_address: STRING
- max_latency: INTEGER
- min_grant_time: INTEGER
- revision_id: STRING
- subsystem_id: INTEGER
- subsystem_vendor_id: INTEGER
- vendor_id: STRING
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Performance Object Status attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PERFORMANCE_OBJECT_STATUS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- query_name: STRING
- object_name: STRING
- object_type: INTEGER
- object_type_enum: STRING
- object_status: INTEGER
- object_status_enum: STRING
- error_code: INTEGER
- error_code_enum: STRING
- last_collection_start: STRING
- last_collection_start_enum: STRING
- last_collection_finished: STRING
- last_collection_finished_enum: STRING
- last_collection_duration: REAL
- average_collection_duration: REAL
- average_collection_duration_enum: STRING
- refresh_interval: INTEGER
- number_of_collections: INTEGER
- cache_hits: INTEGER
- cache_misses: INTEGER
- cache_hit_percent: REAL
- intervals_skipped: INTEGER

For events generated by situations in the Physical Connector attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PHYSICAL_CONNECTOR class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING

- connector_gender: INTEGER
- connector_gender_enum: STRING
- connector_layout: INTEGER
- connector_layout_enum: STRING
- connector_pinout: INTEGER
- number_of_physical_pins: INTEGER
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the Physical Connector Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PHYSICAL_CONNECTOR_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- connector_gender: INTEGER
- connector_gender_enum: STRING
- connector_layout: INTEGER
- connector_layout_enum: STRING
- connector_pinout: INTEGER
- number_of_physical_pins: INTEGER
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING

For events generated by situations in the Physical Frame attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PHYSICAL_FRAME class. This class contains the following slots:

- node: STRING

- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- package_guid: STRING
- package_type: INTEGER
- package_type_enum: STRING
- removal_conditions: INTEGER
- removal_conditions_enum: STRING
- width: INTEGER
- audible_alarm: INTEGER
- audible_alarm_enum: STRING
- physical_frame_is_locked: INTEGER
- physical_frame_is_locked_enum: STRING
- lock_present: INTEGER
- lock_present_enum: STRING
- security_breach: INTEGER
- security_breach_enum: STRING
- service_philosophy: INTEGER
- service_philosophy_enum: STRING
- visible_alarm: INTEGER
- visible_alarm_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- input_current_type: INTEGER
- input_current_type_enum: STRING
- input_voltage_millivolts: INTEGER

For events generated by situations in the Physical Frame Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PHYSICAL_FRAME_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- package_guid: STRING
- package_type: INTEGER
- package_type_enum: STRING
- removal_conditions: INTEGER
- removal_conditions_enum: STRING
- width: INTEGER
- audible_alarm: INTEGER
- audible_alarm_enum: STRING
- physical_frame_is_locked: INTEGER
- physical_frame_is_locked_enum: STRING
- lock_present: INTEGER
- lock_present_enum: STRING
- security_breach: INTEGER
- security_breach_enum: STRING
- service_philosophy: INTEGER
- service_philosophy_enum: STRING
- visible_alarm: INTEGER
- visible_alarm_enum: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING
- input_current_type: INTEGER
- input_current_type_enum: STRING
- input_voltage_millivolts: INTEGER

For events generated by situations in the Physical Link attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PHYSICAL_LINK class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- media_type: INTEGER
- media_type_enum: STRING
- wired: INTEGER
- wired_enum: STRING
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the Physical Link Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PHYSICAL_LINK_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING

- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- media_type: INTEGER
- media_type_enum: STRING
- wired: INTEGER
- wired_enum: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING

For events generated by situations in the Physical Memory attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PHYSICAL_MEMORY class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- removal_conditions: INTEGER
- removal_conditions_enum: STRING
- form_factor: INTEGER
- form_factor_enum: STRING
- bank_label: STRING
- capacity_bytes: INTEGER
- data_width_bits: INTEGER
- interleave_position: INTEGER
- memory_type: INTEGER

- memory_type_enum: STRING
- position_in_row: INTEGER
- speed_nanoseconds: INTEGER
- total_width_bits: INTEGER
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the Physical Memory Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PHYSICAL_MEMORY_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- removal_conditions: INTEGER
- removal_conditions_enum: STRING
- form_factor: INTEGER
- form_factor_enum: STRING
- bank_label: STRING
- capacity_bytes: INTEGER
- data_width_bits: INTEGER
- interleave_position: INTEGER
- memory_type: INTEGER
- memory_type_enum: STRING
- position_in_row: INTEGER
- speed_nanoseconds: INTEGER
- total_width_bits: INTEGER
- related_system_object_id: INTEGER
- system_object_id: INTEGER

- subnode_name: STRING

For events generated by situations in the Physical Package attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PHYSICAL_PACKAGE class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- package_guid: STRING
- package_type: INTEGER
- package_type_enum: STRING
- removal_conditions: INTEGER
- removal_conditions_enum: STRING
- width: INTEGER
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the Physical Package Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PHYSICAL_PACKAGE_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING

- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- package_guid: STRING
- package_type: INTEGER
- package_type_enum: STRING
- removal_conditions: INTEGER
- removal_conditions_enum: STRING
- width: INTEGER
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING

For events generated by situations in the Physical Port attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PHYSICAL_PORT class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- connector_gender: INTEGER
- connector_gender_enum: STRING
- connector_layout: INTEGER
- connector_layout_enum: STRING

- connector_pinout: INTEGER
- number_of_physical_pins: INTEGER
- port_number: INTEGER
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the Physical Port Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PHYSICAL_PORT_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- connector_gender: INTEGER
- connector_gender_enum: STRING
- connector_layout: INTEGER
- connector_layout_enum: STRING
- connector_pinout: INTEGER
- number_of_physical_pins: INTEGER
- port_number: INTEGER
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING

For events generated by situations in the Physical Volume attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PHYSICAL_VOLUME class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING

- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- block_size: INTEGER
- capacity_gigabytes: INTEGER
- consumable_blocks: INTEGER
- data_organization: INTEGER
- data_organization_enum: STRING
- data_redundancy: INTEGER
- delta_reservation: INTEGER
- free_space_gigabytes: INTEGER
- number_of_blocks: INTEGER
- package_redundancy: INTEGER
- sequential_access: INTEGER
- sequential_access_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- access_type: INTEGER
- access_type_enum: STRING
- is_compressed: INTEGER
- is_compressed_enum: STRING
- is_multi_path: INTEGER
- is_multi_path_enum: STRING
- time_last_metered: STRING

For events generated by situations in the Physical Volume Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PHYSICAL_VOLUME_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING

- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- block_size: INTEGER
- capacity_gigabytes: INTEGER
- consumable_blocks: INTEGER
- data_organization: INTEGER
- data_organization_enum: STRING
- data_redundancy: INTEGER
- delta_reservation: INTEGER
- free_space_gigabytes: INTEGER
- number_of_blocks: INTEGER
- package_redundancy: INTEGER
- sequential_access: INTEGER
- sequential_access_enum: STRING
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- access_type: INTEGER
- access_type_enum: STRING
- is_compressed: INTEGER
- is_compressed_enum: STRING
- is_multi_path: INTEGER
- is_multi_path_enum: STRING
- time_last_metered: STRING

For events generated by situations in the Pointing Device attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_POINTING_DEVICE class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING

- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- device_is_locked: INTEGER
- device_is_locked_enum: STRING
- double_click_rate: INTEGER
- handedness: INTEGER
- handedness_enum: STRING
- number_of_buttons: INTEGER
- pointing_type: INTEGER
- pointing_type_enum: STRING
- resolution: INTEGER
- sensitivity: INTEGER
- system_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Pointing Device Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_POINTING_DEVICE_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- device_is_locked: INTEGER

- device_is_locked_enum: STRING
- double_click_rate: INTEGER
- handedness: INTEGER
- handedness_enum: STRING
- number_of_buttons: INTEGER
- pointing_type: INTEGER
- pointing_type_enum: STRING
- resolution: INTEGER
- sensitivity: INTEGER
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Port Controller attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PORT_CONTROLLER class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- maximum_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- controller_type: INTEGER
- controller_type_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Port Controller Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PORT_CONTROLLER_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- maximum_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- controller_type: INTEGER
- controller_type_enum: STRING
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Printer attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PRINTER class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING

- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- port: STRING
- queue: STRING
- system_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Printer Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PRINTER_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- port: STRING
- queue: STRING
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Processor attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PROCESSOR class. This class contains the following slots:

- node: STRING
- timestamp: STRING

- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- address_width_bits: INTEGER
- current_clock_speed_megahertz: INTEGER
- data_width_bits: INTEGER
- family: INTEGER
- family_enum: STRING
- maximum_clock_speed_megahertz: INTEGER
- number_of_enabled_cores: INTEGER
- unique_id: STRING
- virtual_address: STRING
- virtual_unique_identifier: STRING
- system_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Processor Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_PROCESSOR_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING

- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- address_width_bits: INTEGER
- current_clock_speed_megahertz: INTEGER
- data_width_bits: INTEGER
- family: INTEGER
- family_enum: STRING
- maximum_clock_speed_megahertz: INTEGER
- number_of_enabled_cores: INTEGER
- unique_id: STRING
- virtual_address: STRING
- virtual_unique_identifier: STRING
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the RAID Controller attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_RAID_CONTROLLER class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER

- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- version_matching: STRING
- system_name: STRING
- system_object_id: INTEGER
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the RAID Controller Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_RAID_CONTROLLER_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING

- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- version_matching: STRING
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the Remote Service Access Point attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_REMOTE_SERVICE_ACCESS_POINT class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_class: STRING
- access_information: STRING
- access_state: STRING
- access_type: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- port: INTEGER
- port_protocol: INTEGER
- port_protocol_enum: STRING
- version: STRING
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the Remote Service Access Point Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_REMOTE_SERVICE_ACCESS_POINT_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING

- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_class: STRING
- access_information: STRING
- access_state: STRING
- access_type: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- port: INTEGER
- port_protocol: INTEGER
- port_protocol_enum: STRING
- version: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING

For events generated by situations in the SAS Port attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SAS_PORT class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- active_maximum_transmission_unit: INTEGER
- auto_sense: INTEGER
- auto_sense_enum: STRING
- enabled: INTEGER

- enabled_enum: STRING
- full_duplex: INTEGER
- full_duplex_enum: STRING
- link_technology: INTEGER
- link_technology_enum: STRING
- maximum_speed_bits_per_second: INTEGER
- network_addresses: STRING
- permanent_address: STRING
- port_number: INTEGER
- speed_bits_per_second: INTEGER
- supported_maximum_transmission_unit: INTEGER
- system_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the SAS Port Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SAS_PORT_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- active_maximum_transmission_unit: INTEGER
- auto_sense: INTEGER
- auto_sense_enum: STRING
- enabled: INTEGER
- enabled_enum: STRING
- full_duplex: INTEGER
- full_duplex_enum: STRING
- link_technology: INTEGER
- link_technology_enum: STRING
- maximum_speed_bits_per_second: INTEGER

- network_addresses: STRING
- permanent_address: STRING
- port_number: INTEGER
- speed_bits_per_second: INTEGER
- supported_maximum_transmission_unit: INTEGER
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the SCSI Protocol Endpoint attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SCSI_PROTOCOL_ENDPOINT class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- connection_type: INTEGER
- connection_type_enum: STRING
- iscsi_resource_role: INTEGER
- iscsi_resource_role_enum: STRING
- target_relative_port_number: INTEGER
- system_name: STRING
- system_object_id: INTEGER
- auto_start: INTEGER
- auto_start_enum: STRING
- last_updated_date: STRING

For events generated by situations in the SCSI Protocol Endpoint Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SCSI_PROTOCOL_ENDPOINT_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING

- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- connection_type: INTEGER
- connection_type_enum: STRING
- iscsi_resource_role: INTEGER
- iscsi_resource_role_enum: STRING
- target_relative_port_number: INTEGER
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING
- auto_start: INTEGER
- auto_start_enum: STRING
- last_updated_date: STRING

For events generated by situations in the Serial Controller attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SERIAL_CONTROLLER class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- maximum_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- maximum_baud_rate_bits_per_second: INTEGER
- system_name: STRING
- system_object_id: INTEGER

- time_last_metered: STRING

For events generated by situations in the Serial Controller Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SERIAL_CONTROLLER_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- maximum_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- maximum_baud_rate_bits_per_second: INTEGER
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Server attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SERVER class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER

- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- virtual_machine_identifier: STRING
- virtual_system: INTEGER
- virtual_system_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- hypervisor_platform_type: INTEGER
- hypervisor_platform_type_enum: STRING
- hypervisor_platform_version: STRING
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the Server Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SERVER_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER

- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- virtual_machine_identifier: STRING
- virtual_system: INTEGER
- virtual_system_enum: STRING
- subnode_name: STRING
- system_object_id: INTEGER
- system_name: STRING
- hypervisor_platform_type: INTEGER
- hypervisor_platform_type_enum: STRING
- hypervisor_platform_version: STRING
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the Slot attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SLOT class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING

- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- connector_gender: INTEGER
- connector_gender_enum: STRING
- connector_layout: INTEGER
- connector_layout_enum: STRING
- connector_pinout: INTEGER
- number_of_physical_pins: INTEGER
- bus_number: INTEGER
- connector_type: STRING
- height_allowed_inches: INTEGER
- length_allowed_inches: INTEGER
- maximum_data_width_bits: INTEGER
- maximum_data_width_bits_enum: STRING
- slot_number: INTEGER
- open_switch: INTEGER
- open_switch_enum: STRING
- ordinal: INTEGER
- purpose_description: STRING
- slot_designation: STRING
- slot_types: INTEGER
- slot_types_enum: STRING
- special_purpose_slot: INTEGER
- special_purpose_slot_enum: STRING
- hot_plug_supported: INTEGER
- hot_plug_supported_enum: STRING
- thermal_rating: INTEGER
- system_name: STRING
- system_object_id: INTEGER
- label_power_input_watts: INTEGER
- input_current_type: INTEGER
- input_current_type_enum: STRING
- altitude_capabilities: INTEGER
- altitude_capabilities_enum: STRING
- auxiliary_power_watts: INTEGER
- unit_of_power: INTEGER
- unit_of_power_enum: STRING

For events generated by situations in the Slot Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SLOT_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- fru_number: STRING
- manufacture_date: STRING
- manufacturer: STRING
- model: STRING
- part_number: STRING
- purchase_date: STRING
- serial_number: STRING
- tag: STRING
- user_tracking: STRING
- vendor_type: STRING
- version: STRING
- connector_gender: INTEGER
- connector_gender_enum: STRING
- connector_layout: INTEGER
- connector_layout_enum: STRING
- connector_pinout: INTEGER
- number_of_physical_pins: INTEGER
- bus_number: INTEGER
- connector_type: STRING
- height_allowed_inches: INTEGER
- length_allowed_inches: INTEGER
- maximum_data_width_bits: INTEGER
- maximum_data_width_bits_enum: STRING
- slot_number: INTEGER
- open_switch: INTEGER
- open_switch_enum: STRING
- ordinal: INTEGER
- purpose_description: STRING
- slot_designation: STRING
- slot_types: INTEGER
- slot_types_enum: STRING
- special_purpose_slot: INTEGER
- special_purpose_slot_enum: STRING

- hot_plug_supported: INTEGER
- hot_plug_supported_enum: STRING
- thermal_rating: INTEGER
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING
- label_power_input_watts: INTEGER
- input_current_type: INTEGER
- input_current_type_enum: STRING
- altitude_capabilities: INTEGER
- altitude_capabilities_enum: STRING
- auxiliary_power_watts: INTEGER
- unit_of_power: INTEGER
- unit_of_power_enum: STRING

For events generated by situations in the SNMP Trap Target attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SNMP_TRAP_TARGET class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_information: STRING
- access_type: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- port_info: STRING
- authenticiation: INTEGER
- authenticiation_enum: STRING
- community_string: STRING
- notification_type: INTEGER
- notification_type_enum: STRING
- privacy: INTEGER
- privacy_enum: STRING
- retry_count: INTEGER
- snmp_version: INTEGER
- snmp_version_enum: STRING
- timeout: INTEGER
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the SNMP Trap Target Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SNMP_TRAP_TARGET_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_information: STRING
- access_type: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- port_info: STRING
- authenticiation: INTEGER
- authenticiation_enum: STRING
- community_string: STRING
- notification_type: INTEGER
- notification_type_enum: STRING
- privacy: INTEGER
- privacy_enum: STRING
- retry_count: INTEGER
- snmp_version: INTEGER
- snmp_version_enum: STRING
- timeout: INTEGER
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING

For events generated by situations in the Storage Subsystem attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_STORAGE_SUBSYSTEM class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING

- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- ansi_t10_id: STRING
- storage_subsystem_failed: INTEGER
- storage_subsystem_failed_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the Storage Subsystem Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_STORAGE_SUBSYSTEM_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING

- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- ansi_t10_id: STRING
- storage_subsystem_failed: INTEGER
- storage_subsystem_failed_enum: STRING
- subnode_name: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING

For events generated by situations in the Storage Volume attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_STORAGE_VOLUME class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER

- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- block_size_bytes: INTEGER
- capacity_gigabytes: INTEGER
- consumable_blocks: INTEGER
- data_organization: INTEGER
- data_organization_enum: STRING
- data_redundancy: INTEGER
- delta_reservation: INTEGER
- free_space_gigabytes: INTEGER
- number_of_blocks: INTEGER
- package_redundancy: INTEGER
- sequential_access: INTEGER
- sequential_access_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- access_type: INTEGER
- access_type_enum: STRING
- is_compressed: INTEGER
- is_compressed_enum: STRING
- is_multi_path: INTEGER
- is_multi_path_enum: STRING
- time_last_metered: STRING

For events generated by situations in the Storage Volume Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_STORAGE_VOLUME_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING

- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- block_size_bytes: INTEGER
- capacity_gigabytes: INTEGER
- consumable_blocks: INTEGER
- data_organization: INTEGER
- data_organization_enum: STRING
- data_redundancy: INTEGER
- delta_reservation: INTEGER
- free_space_gigabytes: INTEGER
- number_of_blocks: INTEGER
- package_redundancy: INTEGER
- sequential_access: INTEGER
- sequential_access_enum: STRING
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- access_type: INTEGER
- access_type_enum: STRING
- is_compressed: INTEGER
- is_compressed_enum: STRING
- is_multi_path: INTEGER
- is_multi_path_enum: STRING
- time_last_metered: STRING

For events generated by situations in the Switch attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SWITCH class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER

- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- switch_type: STRING
- system_name: STRING
- system_object_id: INTEGER
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING
- total_ports: INTEGER
- installed_ports: INTEGER
- fru_number: STRING

For events generated by situations in the Switch Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SWITCH_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING

- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- primary_host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- switch_type: STRING
- subnode_name: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- asset_tag: STRING
- employed: INTEGER
- employed_enum: STRING
- part_number: STRING
- total_ports: INTEGER
- installed_ports: INTEGER
- fru_number: STRING

For events generated by situations in the System Asset Settings attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SYSTEM_ASSET_SETTINGS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- asset_number: STRING
- asset_tag: STRING
- lease_cost: STRING
- lease_end_date: STRING
- lease_start_date: STRING
- lease_term: INTEGER
- lessor: STRING
- purchase_date: STRING
- warranty_cost: STRING

- warranty_duration: INTEGER
- warranty_end_date: STRING
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the System Asset Settings Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SYSTEM_ASSET_SETTINGS_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- asset_number: STRING
- asset_tag: STRING
- lease_cost: STRING
- lease_end_date: STRING
- lease_start_date: STRING
- lease_term: INTEGER
- lessor: STRING
- purchase_date: STRING
- warranty_cost: STRING
- warranty_duration: INTEGER
- warranty_end_date: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING

For events generated by situations in the System Chassis attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SYSTEM_CHASSIS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING

- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- chassis_type: INTEGER
- chassis_type_enum: STRING
- system_name: STRING
- system_object_id: INTEGER
- node_name: STRING
- asset_tag: STRING
- last_boot_up_time: STRING
- part_number: STRING
- os_type: STRING
- os_version: STRING
- label_power_input_watts: INTEGER
- label_power_output_watts: INTEGER
- employed: INTEGER
- employed_enum: STRING
- ipv4_address: STRING

For events generated by situations in the System Chassis Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SYSTEM_CHASSIS_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING

- object_identifier: INTEGER
- object_type: STRING
- access_state: STRING
- communication_state: INTEGER
- communication_state_enum: STRING
- detailed_state: INTEGER
- detailed_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- primary_owner_contact: STRING
- primary_owner_name: STRING
- architecture: STRING
- dedicated: INTEGER
- dedicated_enum: STRING
- encapsulated: INTEGER
- encapsulated_enum: STRING
- machine_type: STRING
- manufacturer: STRING
- model: STRING
- host_name: STRING
- serial_number: STRING
- system_board_uuid: STRING
- chassis_type: INTEGER
- chassis_type_enum: STRING
- subnode_name: STRING
- node_name: STRING
- asset_tag: STRING
- last_boot_up_time: STRING
- part_number: STRING
- os_type: STRING
- os_version: STRING
- label_power_input_watts: INTEGER
- label_power_output_watts: INTEGER
- employed: INTEGER
- employed_enum: STRING
- ipv4_address: STRING
- related_system_object_id: INTEGER
- system_object_id: INTEGER

For events generated by situations in the System Groupings attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_SYSTEM_GROUPINGS class. This class contains the following slots:

- node: STRING
- timestamp: STRING

- subnode_msn: STRING
- subnode_affinity: STRING
- subnode_type: STRING
- subnode_resource_name: STRING
- subnode_version: STRING

For events generated by situations in the Thread Pool Status attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_THREAD_POOL_STATUS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- thread_pool_size: INTEGER
- thread_pool_size_enum: STRING
- thread_pool_max_size: INTEGER
- thread_pool_max_size_enum: STRING
- thread_pool_active_threads: INTEGER
- thread_pool_active_threads_enum: STRING
- thread_pool_avg_active_threads: REAL
- thread_pool_avg_active_threads_enum: STRING
- thread_pool_min_active_threads: INTEGER
- thread_pool_min_active_threads_enum: STRING
- thread_pool_max_active_threads: INTEGER
- thread_pool_max_active_threads_enum: STRING
- thread_pool_queue_length: INTEGER
- thread_pool_queue_length_enum: STRING
- thread_pool_avg_queue_length: REAL
- thread_pool_avg_queue_length_enum: STRING
- thread_pool_min_queue_length: INTEGER
- thread_pool_min_queue_length_enum: STRING
- thread_pool_max_queue_length: INTEGER
- thread_pool_max_queue_length_enum: STRING
- thread_pool_avg_job_wait: REAL
- thread_pool_avg_job_wait_enum: STRING
- thread_pool_total_jobs: INTEGER
- thread_pool_total_jobs_enum: STRING

For events generated by situations in the Time Zone Settings attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_TIME_ZONE_SETTINGS class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER

- object_type: STRING
- daylight_caption: STRING
- daylight_start_day: INTEGER
- daylight_start_day_of_week: INTEGER
- daylight_start_day_of_week_enum: STRING
- daylight_start_month: INTEGER
- daylight_start_month_enum: STRING
- daylight_name: STRING
- daylight_offset_from_utc: INTEGER
- daylight_start_interval: INTEGER
- standard_caption: STRING
- standard_start_day: INTEGER
- standard_start_day_of_week: INTEGER
- standard_start_day_of_week_enum: STRING
- standard_start_month: INTEGER
- standard_start_month_enum: STRING
- standard_name: STRING
- standard_offset_from_utc: INTEGER
- standard_start_interval: INTEGER
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the Time Zone Settings Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_TIME_ZONE_SETTINGS_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- daylight_caption: STRING
- daylight_start_day: INTEGER
- daylight_start_day_of_week: INTEGER
- daylight_start_day_of_week_enum: STRING
- daylight_start_month: INTEGER
- daylight_start_month_enum: STRING
- daylight_name: STRING
- daylight_offset_from_utc: INTEGER
- daylight_start_interval: INTEGER
- standard_caption: STRING
- standard_start_day: INTEGER

- standard_start_day_of_week: INTEGER
- standard_start_day_of_week_enum: STRING
- standard_start_month: INTEGER
- standard_start_month_enum: STRING
- standard_name: STRING
- standard_offset_from_utc: INTEGER
- standard_start_interval: INTEGER
- related_system_object_id: INTEGER
- system_object_id: INTEGER
- subnode_name: STRING

For events generated by situations in the USB Controller attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_USB_CONTROLLER class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- maximum_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- interface_type: INTEGER
- interface_type_enum: STRING
- usb_version: STRING
- system_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the USB Controller Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_USB_CONTROLLER_GROUP_VIEW class. This class contains the following slots:

- node: STRING

- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- maximum_number_controlled: INTEGER
- protocol_supported: INTEGER
- protocol_supported_enum: STRING
- time_of_last_reset: STRING
- interface_type: INTEGER
- interface_type_enum: STRING
- usb_version: STRING
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

For events generated by situations in the Video Head attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_VIDEO_HEAD class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER

- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- chip_type: STRING
- current_bits_per_pixel: INTEGER
- current_horizontal_resolution: INTEGER
- current_number_of_colors: INTEGER
- current_number_of_columns: INTEGER
- current_number_of_rows: INTEGER
- current_refresh_rate_hertz: INTEGER
- current_scan_mode: INTEGER
- current_scan_mode_enum: STRING
- current_vertical_resolution: INTEGER
- maximum_refresh_rate_hertz: INTEGER
- minimum_refresh_rate_hertz: INTEGER
- system_name: STRING
- system_object_id: INTEGER

For events generated by situations in the Video Head Group View attribute group, Tivoli Enterprise Console events are sent using the ITM_KD9_VIDEO_HEAD_GROUP_VIEW class. This class contains the following slots:

- node: STRING
- timestamp: STRING
- system_name: STRING
- changed_date: STRING
- description: STRING
- name: STRING
- locale: STRING
- object_identifier: INTEGER
- object_type: STRING
- allocation_state: INTEGER
- allocation_state_enum: STRING
- health_state: INTEGER
- health_state_enum: STRING
- model: STRING
- operating_state: INTEGER
- operating_state_enum: STRING
- serial_number: STRING
- version: STRING
- chip_type: STRING
- current_bits_per_pixel: INTEGER
- current_horizontal_resolution: INTEGER
- current_number_of_colors: INTEGER
- current_number_of_columns: INTEGER
- current_number_of_rows: INTEGER

- current_refresh_rate_hertz: INTEGER
- current_scan_mode: INTEGER
- current_scan_mode_enum: STRING
- current_vertical_resolution: INTEGER
- maximum_refresh_rate_hertz: INTEGER
- minimum_refresh_rate_hertz: INTEGER
- related_system_object_id: INTEGER
- subnode_name: STRING
- system_object_id: INTEGER
- time_last_metered: STRING

Appendix B. Documentation library

This appendix contains information about the publications related to the IBM Tivoli Monitoring Agent for Systems Director base. These publications are listed in the following categories:

- IBM Tivoli Monitoring Agent for Systems Director base library
- Prerequisite publications
- Related publications

See the *IBM Tivoli Monitoring, OMEGAMON XE, and Composite Application Manager products: Documentation Guide*, SC23-8816, for information about accessing and using publications. You can find the *Documentation Guide* in the following information centers:

- IBM Tivoli Monitoring and OMEGAMON® XE
- IBM Tivoli Composite Application Manager

To open the *Documentation Guide* in the information center, select **Using the publications** in the **Contents** pane.

To find a list of new and changed publications, click **What's new** on the Welcome page of the IBM Tivoli Monitoring and OMEGAMON XE Information Center. To find publications from the previous version of a product, click **Previous versions** under the name of the product in the **Contents** pane.

IBM Tivoli Monitoring Agent for Systems Director base library

There is one document specific to the IBM Tivoli Monitoring Agent for Systems Director base: *IBM Tivoli Monitoring Agent for Systems Director base User's Guide*. This publication provides agent-specific information for configuring, using, and troubleshooting the IBM Tivoli Monitoring Agent for Systems Director base

Use the configuration chapter in this guide with the *IBM Tivoli Monitoring Installation and Setup Guide* to set up the software.

Use the information in this guide with the *Tivoli Enterprise Portal User's Guide* to monitor IBM Systems Director base resources.

Prerequisite publications

To use the information in this publication effectively, you must have some prerequisite knowledge, which you can obtain from the following IBM Tivoli Monitoring publications:

- *Exploring IBM Tivoli Monitoring*
- *IBM Tivoli Monitoring Administrator's Guide*
- *IBM Tivoli Monitoring Agent Builder User's Guide*
- *IBM Tivoli Monitoring Command Reference*
- *IBM Tivoli Monitoring: Configuring Tivoli Enterprise Monitoring Server on z/OS*
- *IBM Tivoli Monitoring Installation and Setup Guide*
- *IBM Tivoli Monitoring: Messages*
- *IBM Tivoli Monitoring Troubleshooting Guide*

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- *IBM Tivoli Monitoring: Upgrading from Tivoli Distributed Monitoring*
- *IBM Tivoli Monitoring: Upgrading from V5.1.2*
- *IBM Tivoli Monitoring: i5/OS® Agent User's Guide*
- *IBM Tivoli Monitoring: Linux OS Agent User's Guide*
- *IBM Tivoli Monitoring: UNIX Log OS Agent User's Guide*
- *IBM Tivoli Monitoring: UNIX OS Agent User's Guide*
- *IBM Tivoli Monitoring: Windows OS Agent User's Guide*
- *IBM Tivoli Monitoring Universal Agent User's Guide*
- *IBM Tivoli Monitoring Universal Agent API and Command Programming Reference Guide*
- *Tivoli Enterprise Portal User's Guide*

You can also obtain prerequisite IBM Systems Director information from the following sources:

- IBM Systems Director publications in the IBM Systems Director Information Center

  http://publib.boulder.ibm.com/infocenter/director/v6r1x/index.jsp
- IBM Systems Management SDK Information Center

  http://wilson.boulder.ibm.com/infocenter/usmitk/v1r0/index.jsp?topic=/com.ibm.usmi.dir62.doc/ibmdirector6.20sdk.html

  The information provided here includes information about IBM Systems Director REST API, Java Message Service (JMS) messaging, and customized truststore setup.

Related publications

The following documents also provide useful information:

- *IBM Tivoli Enterprise Console Adapters Guide*
- *IBM Tivoli Enterprise Console Event Integration Facility User's Guide*
- *IBM Tivoli Enterprise Console Reference Manual*
- *IBM Tivoli Enterprise Console Rule Builder's Guide*

Other sources of documentation

You can also obtain technical documentation about monitoring products from the following sources:

- IBM Tivoli Open Process Automation Library (OPAL)

  http://www.ibm.com/software/tivoli/opal

  OPAL is an online catalog that contains integration documentation as well as other downloadable product extensions.
- Redbooks

  http://www.redbooks.ibm.com/

  IBM Redbooks®, Redpapers, and Redbooks Technotes provide information about products from platform and solution perspectives.
- Technotes

  Technotes provide the latest information about known product limitations and workarounds. You can find Technotes through the IBM Software Support Web site at http://www.ibm.com/software/support.
- Tivoli wikis on the IBM developerWorks® Web site

Tivoli Wiki Central at http://www.ibm.com/developerworks/wikis/display/tivoli/Home is the home for interactive wikis that offer best practices and scenarios for using Tivoli products. The wikis contain white papers contributed by IBM employees, and content created by customers and business partners.

Two of these wikis are of particular relevance to IBM Tivoli Monitoring:

- Tivoli Distributed Monitoring and Application Management Wiki at http://www.ibm.com/developerworks/wikis/display/tivolimonitoring/Home provides information about IBM Tivoli Monitoring and related distributed products, including IBM Tivoli Composite Application Management products.
- Tivoli System z® Monitoring and Application Management Wiki at http://www.ibm.com/developerworks/wikis/display/tivoliomegamon/Home provides information about the OMEGAMON XE products, Tivoli NetView® for z/OS®, Tivoli Monitoring Agent for z/TPF, and other System z monitoring and application management products.

Appendix C. Accessibility

Accessibility features help users with physical disabilities, such as restricted mobility or limited vision, to use software products successfully. The major accessibility features in this product enable users to do the following:

- Use assistive technologies, such as screen-reader software and digital speech synthesizer, to hear what is displayed on the screen. Consult the product documentation of the assistive technology for details on using those technologies with this product.
- Operate specific or equivalent features using only the keyboard.
- Magnify what is displayed on the screen.

In addition,, the product documentation was modified to include the following features to aid accessibility:

- All documentation is available in both HTML and convertible PDF formats to give the maximum opportunity for users to apply screen-reader software.
- All images in the documentation are provided with alternative text so that users with vision impairments can understand the contents of the images.

Navigating the interface using the keyboard

Standard shortcut and accelerator keys are used by the product and are documented by the operating system. See the documentation provided by your operating system for more information.

Magnifying what is displayed on the screen

You can enlarge information on the product windows using facilities provided by the operating systems on which the product is run. For example, in a Microsoft Windows environment, you can lower the resolution of the screen to enlarge the font sizes of the text on the screen. See the documentation provided by your operating system for more information.

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